

MachHome

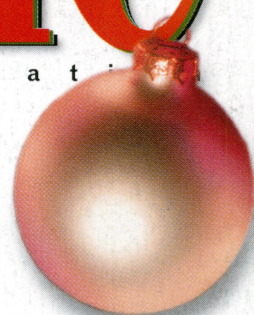
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Solutions for Work, Play, & Education

Mac Workshop:
Create Custom Gift Wrap

First Look:
Mac OS 10.1 & Office v.X

Holiday
Gift Guide
50+ Great Gift Ideas



How To:

Sort Email Attachments
Create a Personal Screensaver
Share Files Between Mac OS9 & 10



Exclusive
Take the Survival
Challenge! P

Microsoft®



**It's jam-packed with Mac tools.
The robot arm, though, that's just for show.**

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Excel X



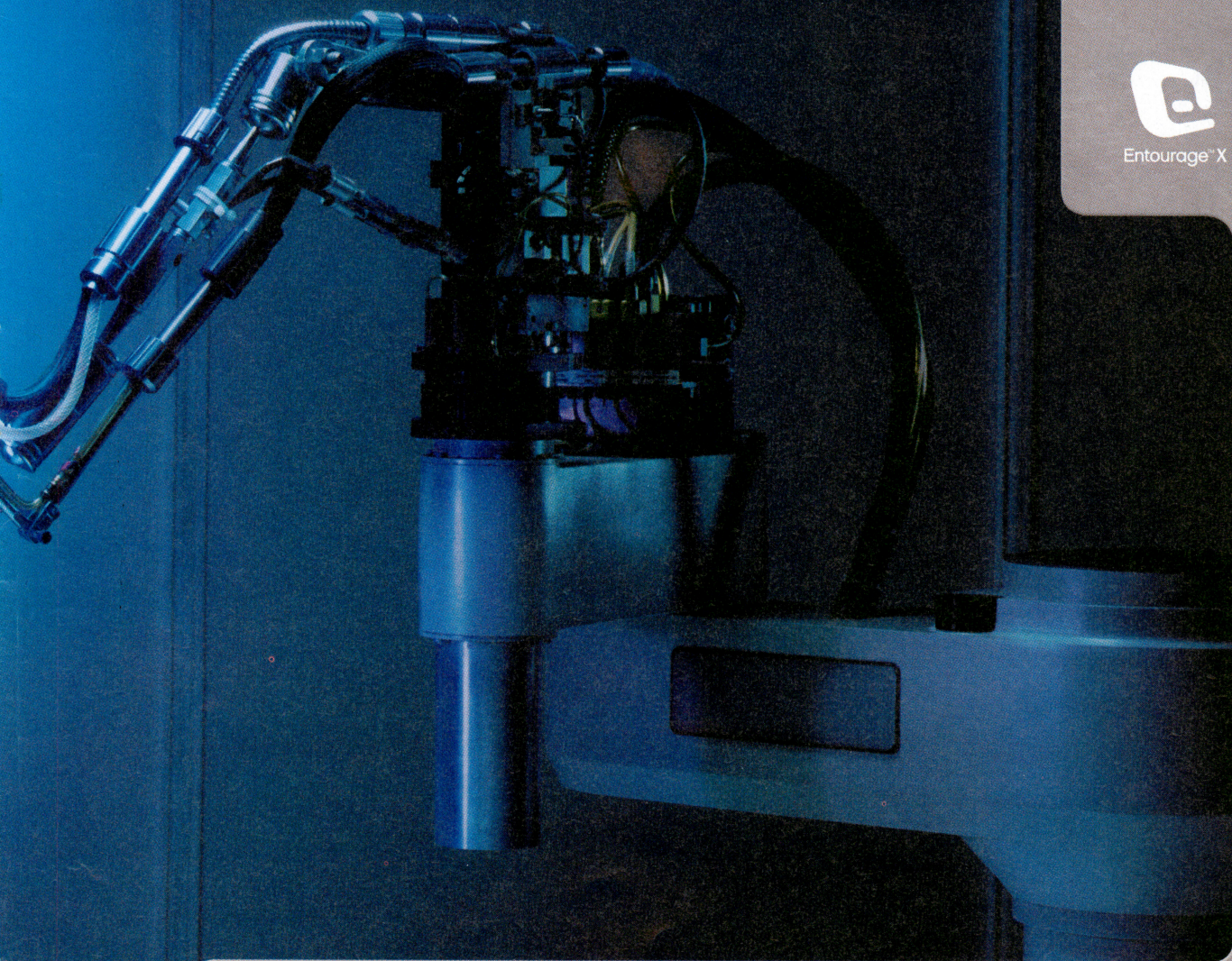
PowerPoint X



Word X



Entourage X



Introducing Microsoft® Word X, just part of the completely redesigned Office v. X for Mac. With the new Office, good looks are not deceiving. Go ahead. Ogle over the luscious Aqua interface. But that's just icing. Inside it's filled with Mac-only features. Tools to simplify everything. Formatting Palettes. Project Manager. And in Word, Multi-selection to make formatting a snap, and Web Page Authoring to easily put your work on the Internet. It's not just form. It's function. microsoft.com/mac

Microsoft®
Office:mac
v. X

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Over 50 great gift ideas like a new optical mouse.
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What cool and new toys should you get for your favorite Mac-lover? Find gift ideas for others (and maybe even yourself) in this extensive guide to Mac products. We've organized it by price bracket, too. See what we think is worth giving.

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Handspring reveals the **Visor Pro and Neo Que!** **Fire DVDBurner** on the loose
Three Canon **scanners** are ready
Age of Empires II: Gold Edition is coming from Bold
MacPlay **games** are finally here



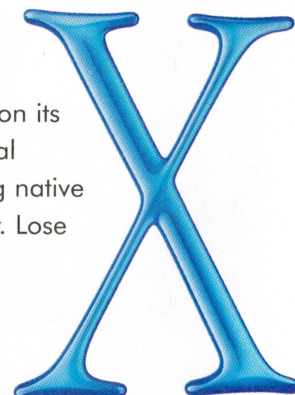
This photo printer is a show-stopper. Page 8

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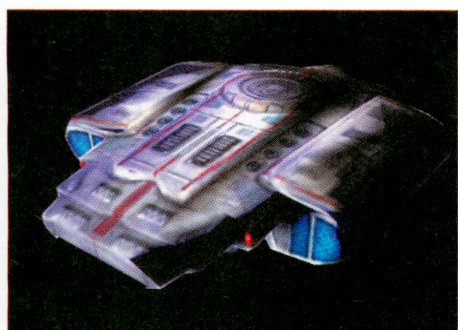
Ride along on this graphical tour of two parts of your Mac that you're sure to spend time with. Mac OS X 10.1 looks good, with quicker performance and other compelling updates. Microsoft Office v. X is on its way and it sports several improvements including native Mac OS X compatibility. Lose yourself in the pretty screenshots.



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- ★★★★ I Beyond Atlantis
- ★★★ Fly! II

Rating System

- ★★★★★ **Mac-nificent.** You gotta get it. No flaws.
- ★★★★ **Excellent.** Recommended even if it has a minor flaw or two.
- ★★★ **Average.** Despite problems still a worthwhile product.
- ★★ **Below Average.** Has serious flaws that limit its usefulness or fun.
- ★ **Poor.** Avoid this product at all costs.

Special iMac Buyer's Guide Section

For even more tips, tricks, and answers, look to the iMac Buyer's Guide. This month, four bonus Workshops will connect an AirPort Mac to a wired network, present a digital slideshow, and more! Pages 49-57

Your Survival Guide to the Holidays

We had so much fun working with our friends at MacSoft, Infogrames, and ad agency DDB Needham putting together the Survivor Challenge on page 60 that we decided to dub this the Survival issue.

By the time you read this, we'll be well into the holidays — if you're like me, you'll need help surviving the season!

Our Holiday Gift Guide (page 20) should put you in the mood for some serious shopping. The guide is organized by personality and price, and is packed with gift ideas sure to fit any budget.

I'm really pleased to give you a first-hand look at Mac OS X version 10.1 and a preview of Microsoft's completely

overhauled Office v. X (page 14). Originally slated for just two pages, we upped it to four so that we could include plenty of screenshots.

Words alone can't do justice to the beauty of the inter-

face — you've got to see it to really appreciate it. If you've not done so already, I encourage you to visit www.apple.com/macosx and spend some time going through the QuickTime movies Apple has posted in the theater.

Our Workshop (page 30) this month is fun, useful and timely. Put your inkjet printer to work and wow friends and family with custom wrapping paper and gift bags. They might even think you've got your own print shop — but tell them you made it with your Mac!

We've also reviewed and rated thirteen products throughout the issue, rounded up a nice selection of news to browse, and as always, have provided you with some of the most useful tips, tricks, and solutions for Macintosh satisfaction on the planet. Enjoy!

And finally, I want to mention the Apple retail store. On October 4, I was invited to a special preview of the store that's now open on University Avenue in Palo Alto (the first to open here in the Bay Area). Apple says that the primary goal of these stores is to introduce the Macintosh to people who've never used one before, rather than simply providing another purchase point for their installed base. Ron Johnson, Apple's Sr. Vice President of Retail, says that they are averaging about 7,100 visitors per store per week, and that they're on track to have 25 stores open in various locations by the end of the year. If you have a chance, it's well worth your time to stop in and take a look.

Best regards,



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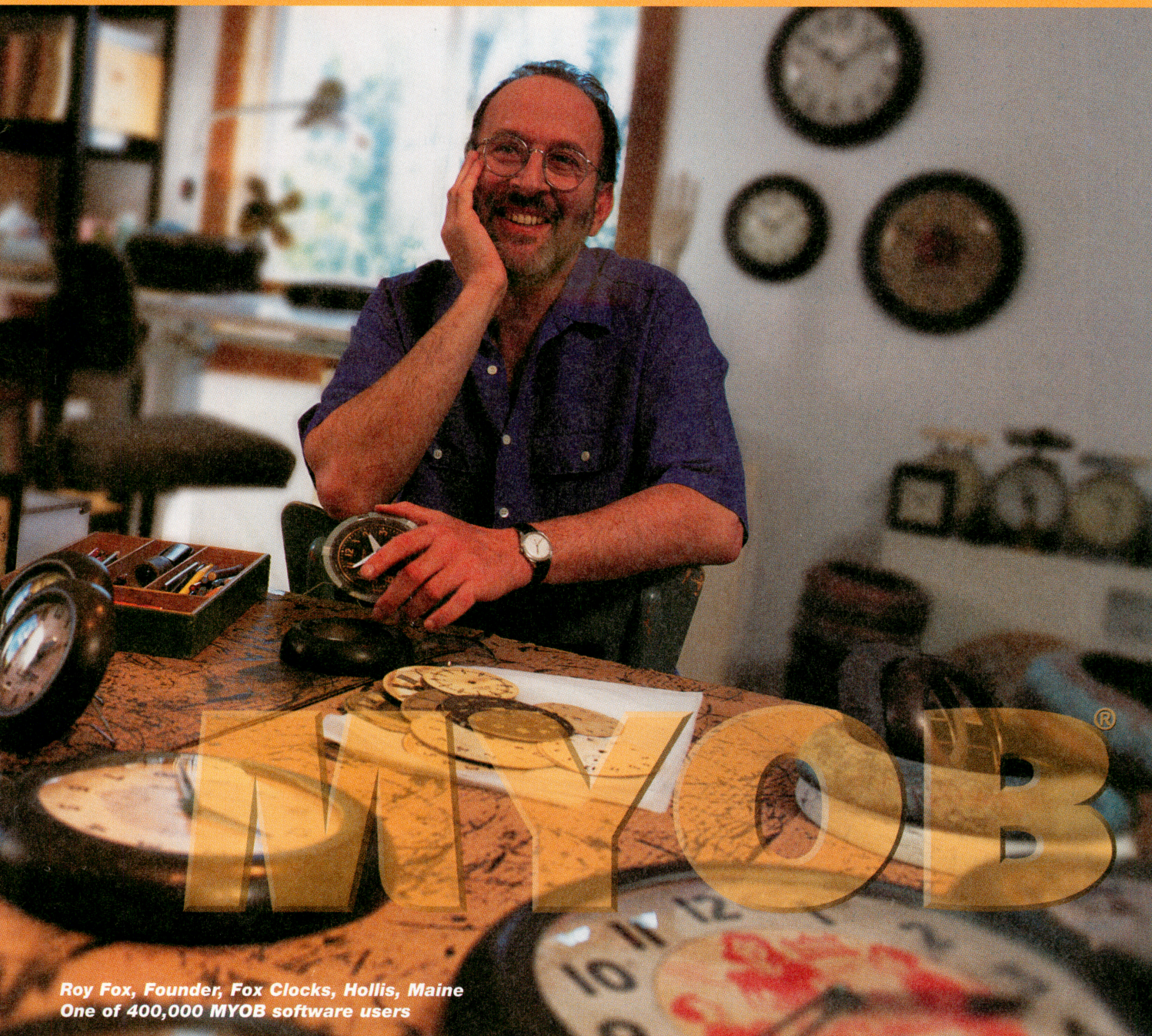
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I'd rather create clocks than invoices.

If I wanted to keep books all day, I'd have been an accountant.



Roy Fox, Founder, Fox Clocks, Hollis, Maine
One of 400,000 MYOB software users

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The Greatest Generation

I just returned from the Apple Store at the Mall of America (it's a great store with wonderful people), with a copy of the Mac OS X 10.1 free upgrade in hand. The installation was flawless, as I expected. The system enhancements in this upgrade were much needed, but still less than I had hoped for.

As a home user whose family has grown up with the Mac OS starting with System 7, the leap to OS X was traumatic for my kids. They actually refuse to use it and always boot-up in OS 9. For myself, OS X has been a struggle. It was slow to react and respond. While it is, doubtless, a stunning vision, I have found it cumbersome and quirky.

Some of those quirks have been addressed with the new version, but one of the most annoying, for me, has not. Internet Connect dials up of its own accord whenever it wants.

While I am trying to move toward OS X native applications I find that they unexpectedly quit far too often. Yes protected memory keeps the system from crashing but it is still frustrating. I will continue to learn OS X because it is the next generation. But operating systems mirror life — the next generation does not always live up to the expectations of the previous generation.

Jim Kammerer

Ocular Ergonomics

My guess is that Chris McVeigh is of pre-bifocal age. His article "Getting Comfortable" (September-October 2001 iMac Buyer's Guide) is fine as far as it goes, but like all others I've read on this topic, does not take older eyes into account. There's never any mention of how to arrange the workspace so your typing and viewing positions are both correct when you have to view the screen through the bottom half of your glasses.

My solution for years has been to use a PowerBook primarily because its screen is correctly oriented for me; it is low and immediately behind the keyboard.

With most desktop computers that I have used (especially PCs), the screen is too high and often too far away for easy viewing through the bifocal part of my glasses. They force me to lean forward while at the same time tilting my head back — a great way to develop neck and back problems.

Older people are increasing as a proportion of the population in general and are taking up the computer in increasing numbers. How about taking our needs into account?

Ken Shipley

Mac Software?

I am disappointed in *MacHome* magazine. Sensiva was reviewed in your October issue, but I've since learned that there is no Macintosh version of the software. *MacHome* should not be reviewing PC software. It is a waste of a Mac user's time.

Bob Guthrie

We couldn't agree with you more on one of your points; we'll always review only Mac software. When we reviewed Sensiva Classic, and as this issue goes to press, it's still available at www.sensiva.com.

My Favorite Mouse

I've been a dedicated Mac user for more than ten years now and absolutely love 'em (and always will), even though (and perhaps because) my work requires extensive use of PCs. I have read all the Mac magazines over the years now, and I am a loyal subscriber to *MacHome*. In fact, I'm always recommending it to others, especially the neophytes. However, the fact that Apple plays on a field of its



own at times means that reviews of Apple products often border on, yes, sycophancy. In my first letter to you, I must take umbrage with your "Editors' Choice Awards — Input Device" (August 2001).

I am tired of Apple's new mouse being hailed as some kind of marvel. To begin with, it was way overdue, released long after other optical mice. And though it's a work of art, beauty, and grace, it's most definitely not the best input device.

Why Apple continues to ignore the incredible usefulness of contextual menus and has completely neglected this amazing utility in their new mouse is beyond me, and in my humble opinion, yet another blunder on their part.

I offer the following opinion. The best input device is the Microsoft IntelliMouse Explorer USB. Period. It's ergonomically friendly, has a wheel for convenient scrolling, includes four programmable buttons, is stylish and well thought out, and it is optically driven.

John Nygaard

write to us...

Please write us with your comments! All letters are assumed intended for publication and may be edited. You can reach us by snail mail at: 703 Market Street, Suite 535, San Francisco, CA 94103, or by email:

letters@machome.com

Two Hip Handhelds, One Camera

PDA competition has heated up once again, as both Palm and Handspring cut prices and release streamlined new models. This month it's Handspring's turn; the manufacturer is showing off the new Visor Pro and the Visor Neo.

The silver Visor Pro (\$299) sports 16MB of memory. No alkaline batteries are included, because you won't need them — the Visor Pro includes an integrated rechargeable battery. The Visor Neo (\$199) is the new entry-level model, with 8MB of memory. It's available in red, blue, and smoke. The Visor Neo feeds on three AAA batteries.



Both handhelds ship with Palm OS 3.5.2 and connect via USB. They also both use a zippy 33MHz processor, making the newcomers faster than older models. And of course, each includes the Springboard plug-and-play expansion slot so you can add modules to increase the functionality of your Visor.

Those modules now have a new friend. Handspring has released the eyemodule2 digital camera (\$199). The camera slides into the Springboard expansion slot on the back of the Visor to let you snap and view digital images in color or black and white. It supports full VGA resolution images, Palm-sized images, and mini-movie video clips. Images can be categorized, annotated, and beamed to other Visors or Palms. Synchronize the handheld with a Mac, and the images will be available as JPEG images on the desktop that can be emailed or printed. The included eyecontact application can also attach images to address book entries.

Handspring, www.handspring.com, 888-565-9393

Apple Helps Out; And You Can, Too

Tragedies like the terrorist attacks on the World Trade Center and the Pentagon demonstrate the worst of human nature, but the aftermath highlights the best. Companies like Apple, Microsoft, and Thursby rushed to help by donating time and money to the rescue efforts.

While some focused on organizing blood drives, Apple donated \$1 million to the families of firefighters, police officers, and other emergency response team members who lost their lives in the rescue attempt. The company is also giving an iBook to each of those families with children.

Even if you don't live in the immediate vicinity of the devastation, there are plenty of ways you can help. Donate blood at your local Red Cross. Give money to the Red Cross through Amazon.com. And most importantly, do something nice for your family to let them know you care.

The BoardRoom

Don't want to spend a lot of cash to get a mail server and full-time Internet connection for your small business? We found a solution. If your office uses FileMaker Pro 5, you can use BoardRoom to send instant messages to coworkers.

The 200KB download is a cross-platform plug-in that will let you send messages, quote text in a reply, and archive messages. Up to 250 users can be online at once with BoardRoom. The plug-in allows you to send the first 200 messages completely free of charge. After that, BoardRoom is only \$99 for an unlimited site license.

Brian Dunning, www.briandunning.com/boardroom

Tell us what you think!

We look forward to hearing from our readers. Write us a quick note and tell us what you think of this month's issue!

www.machome.com

Gems from Kensington

Inside Kensington's holiday treasure chest we first come across the Slim Microsaver Notebook Security Cable (\$45). Kensington invented the physical cable lock solution for notebooks in 1992; this is its first update. The new version has a lower profile lock casing which works better with slimline notebooks and features a sleek black cable, velcro binding strap, and a cushion to protect the notebook surface from scratches.

Now the Turbo Mouse Pro Wireless Trackball (\$120) rolls into view. This is the first Mac OS X friendly wireless input device, with six direct launch buttons to spring open



favorite apps or websites, a scroll wheel, and four programmable buttons bigger than gumdrops. No wires means fewer messy cables on

the desktop and therefore no more accidental coffee spills as you

desperately try to unhook a mouse cable from the pile of papers on your desk.

As we rummage deeper into the treasure chest, it's getting dark. Better turn on Kensington's fashionably updated Flylight USB Notebook light (\$20), now available in cool platinum to match the TiBook.

Now squeaking into the spotlight is the PocketMouse Pro (\$40), a USB optical mini-mouse with a retractable cord. Travelers and laptop devotees might love the chance to carry around a mouse small enough to fit on an airplane tray alongside the iBook.

Is Kensington out of treasures yet? Not quite. The PDA Protector (\$45) for Handspring Visors and the Palm V, m100 and m500 series is a metallic, one-handed case design with a magnetic closure. The PDA Protector keeps handhelds secure, while adding a touch of style and functionality by allowing users to work directly out of the case. Also in your pocket is PocketType (\$50), a portable keyboard for the Handspring Visor, Visor Deluxe, and Visor Platinum. The small, clip-on keyboard allows Visor users to enter information by typing with their thumbs; no Graffiti to learn or stylus to juggle.

With that, it's time to close the chest and get some rest — or at least rest your wrist. Pinch the soft new Pillow Gel Palm Rest (\$15), the first ergonomic support designed to clip right on to your mouse.

Kensington, www.kensington.com, 800-235-6708

Epson Stylus Photo 820

Print photos in style with Epson's new Stylus Photo 820 (\$149).

The six-color USB photo printer delivers a 4" x 6" photo in 48 seconds, and an 8" x 10" mug shot in little over a minute. Epson claims a maximum resolution of 2,880 x 720 dpi on its own papers, and a milder 1,440 x 720 dpi on plain paper. Epson, www.epson.com, 800-922-8911



Burn Movies, Not Books

QPS is shipping two new Que! DVDBurners — the external Que! USB 2.0 DVDBurner (\$699), and the external Que! Fire DVDBurner (\$699).

Both DVD-R and DVD-RAM discs can be used with these drives to make your own DVD movies or store hordes of data. Each drive ships with MPEG-2 encoding software, which enables the creation of high quality DVD discs with full audio tracks rivaling Hollywood's DVDs (although it's still up to you to write the movie!) The burners can write 4.7GB of data (over two hours of video) on DVD-R discs, and up to 9.4GB on reusable DVD-RAM discs.

QPS ships a robust software suite with the drives, which includes the capture, authoring, and mastering capabilities needed to produce the high quality data and video DVDs. The MedioStream neoDVD authoring software is a complete publishing solution that simplifies DVD burning and allows the consumer to easily create and burn DVD discs. It also has an automatic PAL/NTSC conversion feature that allows your discs to be viewed anywhere in the world.

QPS, www.qps-inc.com, 800-559-4777



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The Rainforest in Winter

Digital Frog International has released its first fully accessible virtual adventure, *The Digital Field Trip to The Rainforest AT* (\$45). With help from the Adaptive Technology Resource Centre at the University of Toronto (ATRC), DFI updated its original award-winning Rainforest CD-ROM with disability access features.

"Our goal in designing *The Digital Field Trip to The Rainforest AT* was to offer a multimedia program that can be experienced by everyone, including those with disabilities," says Jeff Warner, Rainforest AT Project Manager.

Whether operating in standard or accessible mode, students can experience the sights and sounds of the rainforest in Belize, Central America, without leaving the classroom. Hundreds of photos, videos, and activities teach about

the rainforest's mechanisms, plant and animal diversity, and the importance of its ecosystem.

A single keystroke changes the program from standard to AT mode, enabling blind and physically challenged students to access the application. Full text-to-speech, audio instructions, and photo descriptions guide blind students through the rainforest. Captioned video ensures that the deaf do not miss any information. Full keyboard access opens up the program to the physically challenged.

The Digital Field Trip to the Rainforest AT accommodates different learning styles and speeds, multiple intelligences, learning disabilities, as well as visual and motor skill problems. No special equipment is required — everything is included on the CD.

A Home Schooling version that includes one offline workbook is also available for \$59; teachers should inquire about educational bundles for the classroom, too.

Digital Frog International, www.digitalfrog.com, 519-766-1097



Canon Goes Scan-Crazy

Although the model names are not music to the ears, the prices certainly are — Canon's latest line of scanners has a model for every budget. The CanoScan N670U, N676U, and the N1240U are three flatbed color USB scanners worth a second look.

All three have key features in common: scan, email, or copy with the click of a button; scan to a CD-R to archive images; multi-photo mode automatically crops photos during scan; and 48-bit scanning delivers over 218 trillion possible colors. Weighing barely over three pounds, with a footprint the size of a binder, these scanners won't break your back or your bank. The scanners support Mac OS 8.6 to 9, and Mac OS X.

The CanoScan N670U (\$99) is an entry-level model that has the numbers to get the job done. It scans at 600 x 1,200 dots per inch, with a maximum interpolated resolution of 9,600 x 9,600 dpi. The N676U (\$129) steps up next, with the same resolution, but a more industrial look thanks to its titanium case. Finally, the CanoScan N1240U (\$199) raises the optical scanning resolution to 1,200 x 2,400 dpi; typically, the more dots per inch, the sharper the scanned image.

Canon, www.usa.canon.com, 800-652-2666

Addonics PocketDigiDrive

The Addonics Pocket DigiDrive (\$89) is multilingual — it reads and writes audio and image files in seven popular media storage formats: CompactFlash-I, CompactFlash-II, Smart Memory, Memory Stick, Micro Drive, Multimedia Card, and Secure Digital Card.

Small enough to slip into a pocket, the DigiDrive transfers data between your Mac and digital devices like cameras, PDAs, MP3 players, and camcorders. There are no batteries or power cords to lug around — you just need to plug it into a USB port. The DigiDrive requires Mac OS 8.6 or better.

Addonics, www.addonics.com, 510-438-6530



Canon Bubbles Over with Printers

Three USB color bubble jet printers have escaped from Canon: the S300, S500, and S630N. Speed and price are the keys to telling these models apart.



The S300 (\$99) spits out 7.5 pages per minute in color; 11 ppm in black. The resolution for a color print is 2,400 x 1,200 dots per inch. With black ink only, expect 600 x 600 dpi. The automatic sheet feeder can handle 100 sheets at a time. Its faster sibling, the S500 (\$159), prints 8 ppm in color; 12 ppm in black. The resolutions are the same, as is the capacity of the sheet feeder.

Blowing past them like a squirrel passes a snail, the S630N (\$349) doubles the price to deliver 12 ppm in color and 17 ppm in black. Same resolutions, same feeder size, but the S630N adds network capability via Ethernet.

Canon, www.usa.canon.com, 800-652-2666

Conquerors Em-Boldened

Bold Games has announced that the Age of Empires II expansion, Age of Empires II: The Conquerors is included with Microsoft's Age of Empires II: The Age of Kings. The bundle is called Age of Empires II: Gold Edition (\$55) and it will soon hit retail shelves.

The Conquerors Expansion challenges veterans and novices to wage war on an epic scale with all-new civilizations, unique units and technologies, and campaigns based on infamous conquerors such as Attila the Hun, El Cid, and Montezuma. Additionally, The Conquerors includes many gameplay enhancements, such as chat commands, smart villagers, and farm queuing. The expansion pack has won a great deal of awards from leading publications, including "Expansion of the Year" from PC Gamer.

In Age of Empires II, you lead a medieval civilization through an action-packed real-time strategy game. You raise its armies, forge alliances, improve its economy, and build wonders to stand the test of time. The Windows version is already one of the best selling and most critically acclaimed games ever created. Now playing for Mac OS 8, Mac OS 9, and Mac OS X.

Bold Games, www.boldgames.com



ConceptDraw Goes Pro

The professional version of ConceptDraw is now ready to diagram everything from networks to electrical engineering procedures. ConceptDraw Professional (\$249) also has a streamlined interface and 25 additional diagramming tools. Users can now swap data between Power-Point, CAD applications, and MS Visio Exchange. The application also features stronger outline support that can generate charts from a textual description.

A free demo is available from the ConceptDraw website. Anyone who owns ConceptDraw Standard can upgrade to the Pro version for \$125. It runs on Mac OS 8.6, Mac OS 9, and Mac OS X. Computer Systems Odessa, www.conceptdraw.com

Spiderweb Spins Avernum 3

RPG fans, listen up! Spiderweb Software, known for its popular fantasy role-playing games, has announced the upcoming release of Avernum 3, the final game in the trilogy. Avernum 3 features an enormous scenario, with over 100 towns, villages, and dungeons. A fascinating story and a dynamic world is revealed according to the actions of the player. Refugees move from town to town, people die, and cities crumble to dust if left alone.

Avernum 3 will be available for \$25 (\$32 with the hint book) and will be released in Spring 2002 for Macintosh. Spiderweb Software, www.avernum.com

Blizzard Announces World of Warcraft

Blizzard Entertainment's next game

has been announced. World of Warcraft is a massively multiplayer, online role-playing game set in the rich fiction of Blizzard's Warcraft universe. World of Warcraft will feature bold 3D graphics and deep, immersive gameplay. The game will allow thousands of players on the Internet to adventure together in a vast world and provide them with a new, in-depth perspective on familiar lands, former battlefields, and heroes from the legendary universe. In addition, World of Warcraft will introduce new, uncharted territories and foes never before seen by followers of the popular Warcraft series.

Taking place four years following Warcraft III: Reign of Chaos (which should be released in early 2002), a great tension has settled over the ravaged world of Azeroth. Various races begin to rebuild shattered kingdoms, while new threats have risen to plague the world once again. Players must explore the lands of Azeroth, forge friendships with other gamers, and build their strength in order to prevail. World of Warcraft will also feature an action-packed combat system that delivers fast, furious combat against multiple opponents.

In a prepared statement, Mike Morhaime, Blizzard Entertainment president and co-founder said, "[World of Warcraft] is our largest undertaking to date. We are extremely focused on increasing the scope of the Warcraft universe, giving gamers an incredibly dynamic online gaming experience complete with endless possibilities."

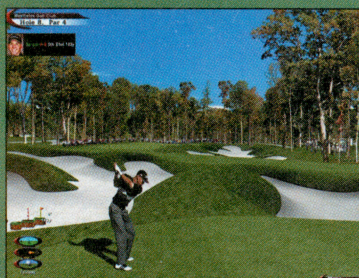
World of Warcraft is in early development and is still a few years away from release. Although Blizzard hasn't yet announced support for the Mac OS, the company customarily announces Macintosh versions of its games as they get closer to shipping. We'll keep you posted on further developments on what looks like an amazing and potentially ground-breaking game.

Blizzard, www.blizzard.com



Bold Announces Links Championship Edition

Bold Games will ship the Championship Edition of Links when it releases the Macintosh version of Microsoft's best-selling golf game later this year. Shipping nearly simultaneously with the Windows version, Links Championship Edition will feature a new graphics engine, new physics engine, a full-featured



course designer, new golfer personalities, and 13 of the world's best golf courses. You'll be able to swing clubs at Oakmont Country Club, The Royal Melbourne Golf Club, Four Seasons

Resort Aviara, Chateau Whistler, The Prince Course at Princeville Resort, and Westfields Golf Club.

Links Championship Edition will be available for Macintosh in late November. It will require Mac OS 8.6 (or better) and will run natively on Mac OS X.

Bold Games, www.boldgames.com

MacPlay Unleashes Aliens vs Predator, Baldur's Gate II

MacPlay has released two blockbuster titles — Aliens vs Predator Gold Edition and Baldur's Gate II — just in time for the busy holiday season. Aliens vs Predator allows you to play three different species from the popular science fiction movies. Choose to be a Colonial Marine, a Predator, or an Alien as you make your way through over 40 levels. The extremely detailed environments

include spaceships, ancient alien temples, and deep underground caverns.

Baldur's Gate II: Shadows of Amn is the epic sequel to the wildly popular role-playing game, Baldur's Gate. This gigantic game comes on four CDs and features hundreds of monsters and characters to discover, with all new magic spells to master. And for online gamers, Baldur's Gate II includes improved multi-player support for up to six players.

MacPlay, www.macplay.com

Mac OS X 10.1

by zack stern

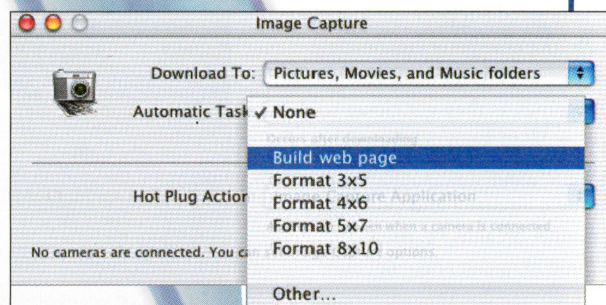
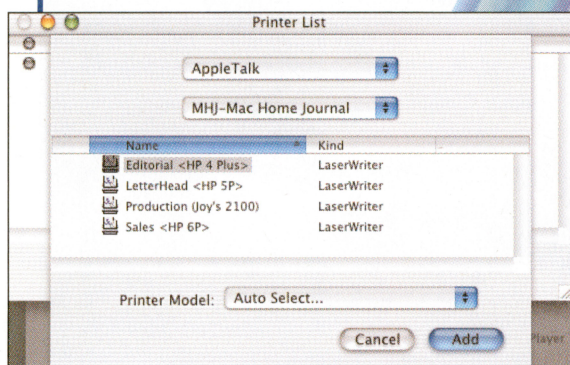
Office v.X overview

The just-released Mac OS X 10.1 update gives the new operating system enough of a boost to make it the primary operating system for most users. Overall speed has been increased, and a wider variety of hardware is supported. Although some drivers are new and beta at press time, you can now use Kensington mice, Wacom tablets, and a multitude of printers and cameras with Mac OS X.

Now that Mac OS X is ready for mass adoption, application support is rolling out like a red carpet. Microsoft Office v. X is arguably one of the most anticipated releases, and it's ready to ship. The application suite features a slew of improvements, and since it requires Mac OS X 10.1, you'll find these are two great tastes that taste great together. Follow us through our graphical tour of Mac OS X 10.1 and Microsoft Office v. X.

10.1 handles almost any inkjet or laser printer.

Click Add Printer in the Print Center, and your printer model is automatically detected.



Mac OS X supports over 60 popular digital cameras

from manufacturers such as Canon, Kodak and Olympus. Simply plug in your camera, and your pictures are automatically downloaded.



Mac OS X looks better than ever in version 10.1. Semi-transparent menus and soft drop-shadows make the interface lift off the screen. Even if a window is obscured, like the ladybug image, you can still close it by clicking on the left stoplight button.

Mac OS X 10.1 now supports a variety of disc-burning options from the

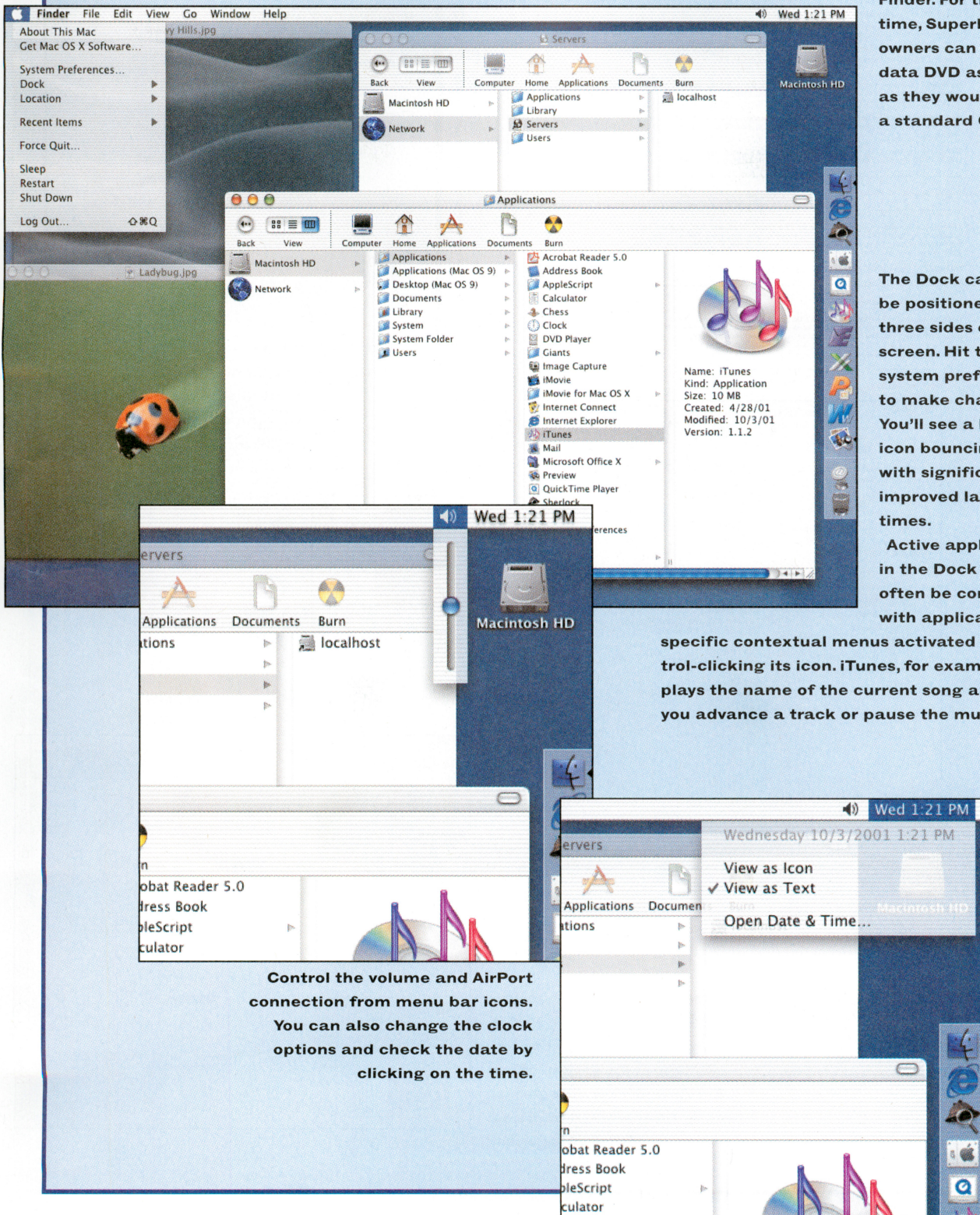
Finder. For the first time, SuperDrive owners can make a data DVD as easily as they would burn a standard CD.

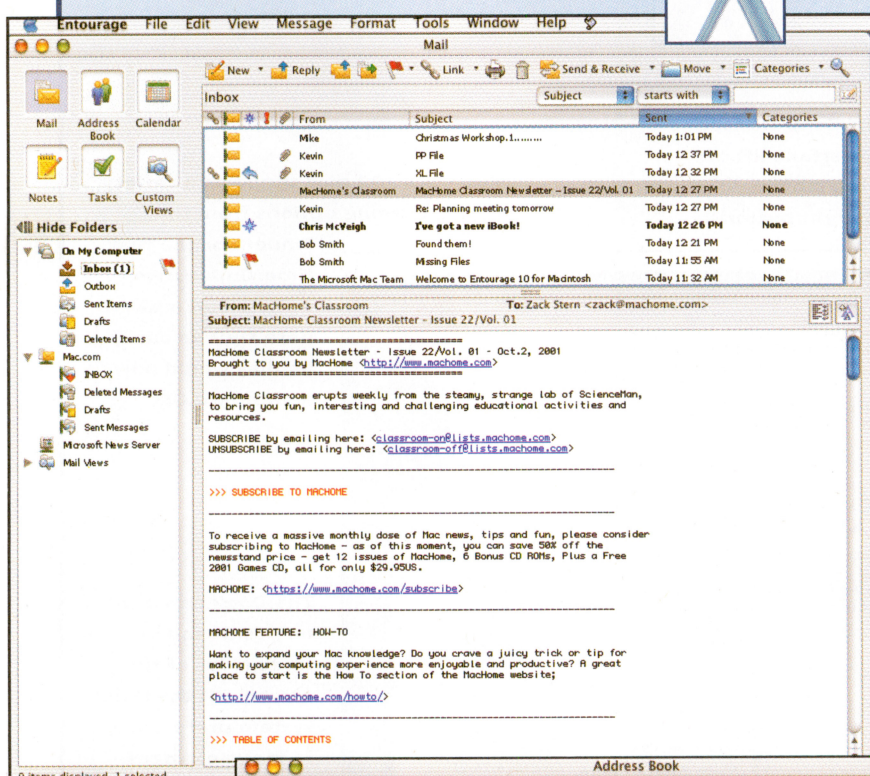
The Dock can now be positioned on three sides of the screen. Hit the Dock system preference to make changes. You'll see a lot less icon bouncing, too, with significantly improved launch times.

Active applications in the Dock can often be controlled with application-

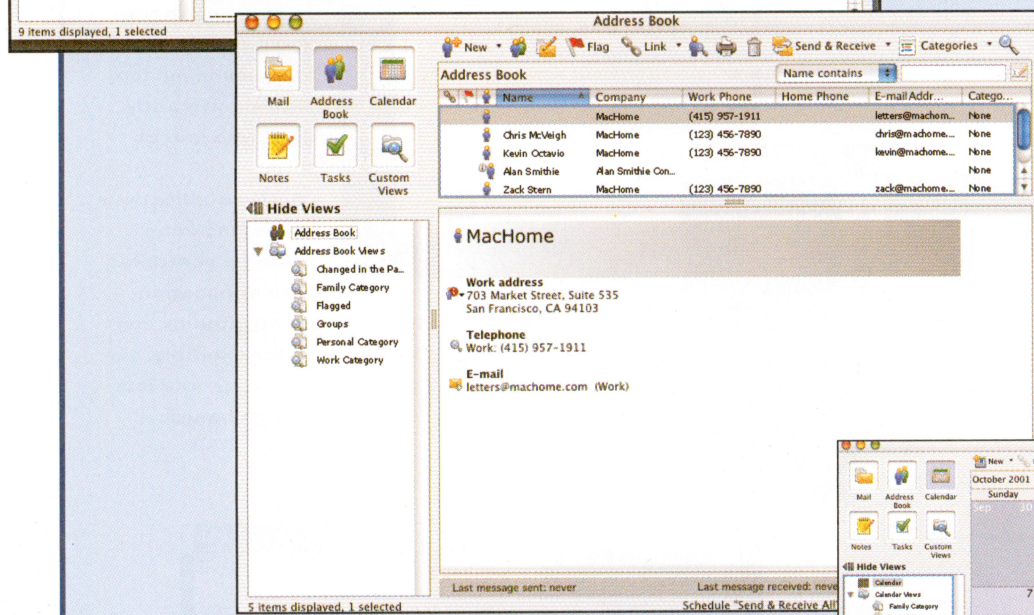
specific contextual menus activated by control-clicking its icon. iTunes, for example, displays the name of the current song and lets you advance a track or pause the music.

Control the volume and AirPort connection from menu bar icons. You can also change the clock options and check the date by clicking on the time.

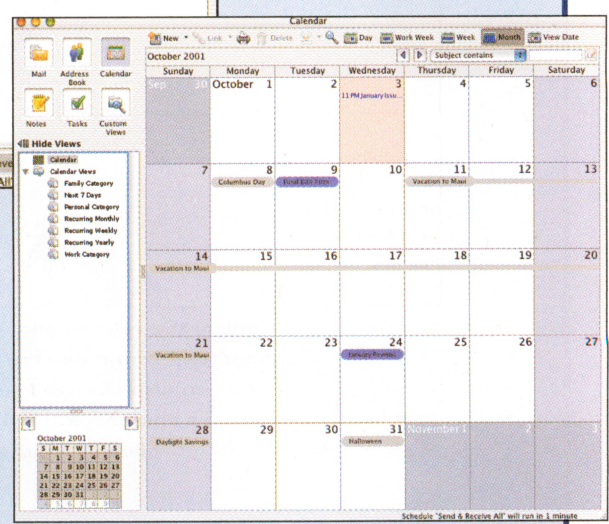




Several prominent control buttons have been moved to the upper-left to enhance ease-of-use. You can also change the view to minimize the space they occupy.



Entourage displays contact information in a convenient, business card-like preview so that you can quickly access email addresses and phone numbers.



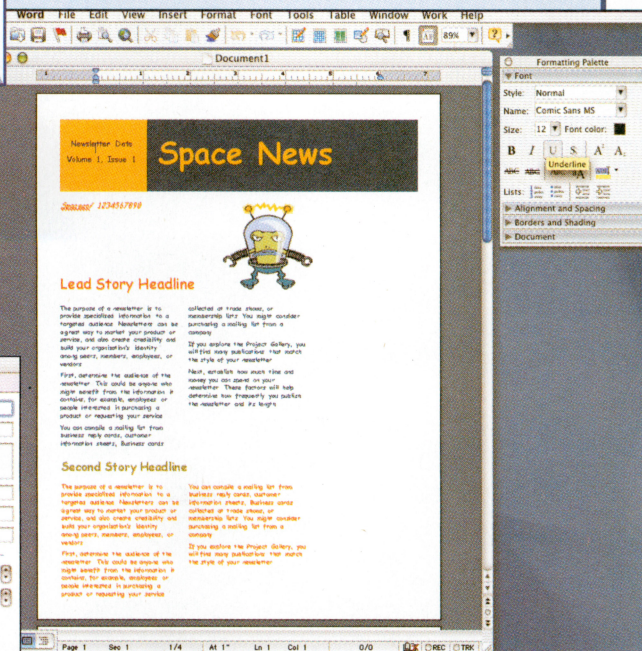
A bright new calendar design makes Entourage the PIM it was always meant to be. Calendar views, like other Entourage view categories, directly filter work, home, and other categories.



The Project Gallery, now cast in glorious Aqua, provides direct access to templates for all applications.



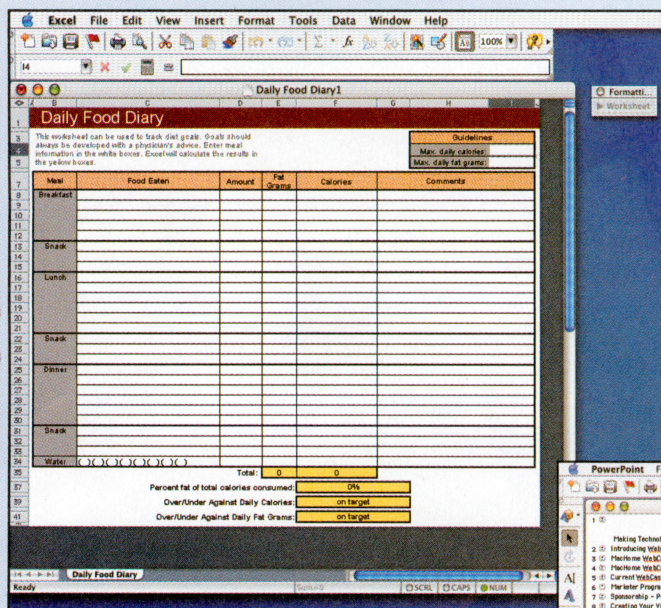
Add key information to the Newsletter Wizard, and the data is automatically added to the document. All you need to do is enter some clever content and print the document.



The Formatting Palette — a favorite from Word 2001 — returns in Office v.X. All the familiar controls are there, and it looks great with Aqua's pale hues.

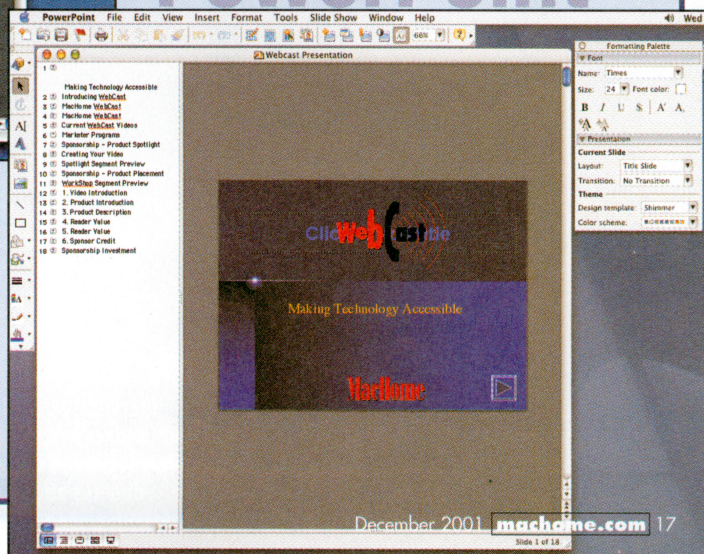


Excel



Excel supports a host of new graphical elements like transparencies. Set up a chart and entertain yourself and your clients with pictures and colors. A new autorecover feature automatically saves your document at regular intervals, too.

PowerPoint now lets you collect links in a package so that you can transfer images, sounds and movies to other computers and CD-ROMs without a hitch. The application also beefs up support for QuickTime.



The highly-anticipated prequel to the award-winning myth series

MYTH III

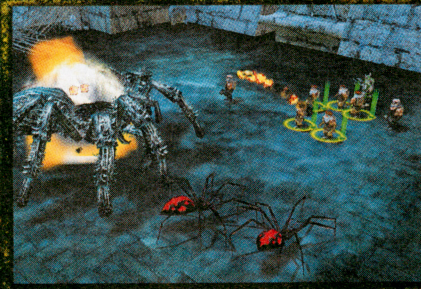
THE WOLF AGE



Take command of more than 40 unit types, each with their own personalities and special abilities



Incredibly detailed 3D models and landscapes. Wage war in towering forests, dank dungeons, scorched deserts and murky swamps



Conquer 25 single-player maps as you live an epic tale of heroism and battle

"IF YOU ARE A FAN OF THE FIRST TWO MYTH GAMES, DO NOT HESITATE TO LOOK FORWARD TO MYTH III. THE GAME LOOKS GREAT!" —INSIDE MAC GAMES



"...THE FUTURE OF THE MYTH SERIES LOOKS BRIGHT INDEED."—GAMESPOT



Blood & Gore
Violence



Mumbo
Jumbo

INFOGRAMES
MacSoft®

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By MacHome Staff

MacHome's

Holiday **Gift Guide**

So many gifts, so little time. We've dug through our catalogs, product brochures, and sales pitches to find you the best Macintosh tools and toys this holiday season. You're sure to find something that will appeal to the Mac lover on your list!

The Creatively Inclined

❖ **Wacom Graphire2** (\$99; Wacom, www.wacom.com, 800-922-9348).

This small tablet allows traditional artists to migrate to the digital canvas, pen in hand. The package also includes a wireless mouse for navigation in any application.



❖ The iMovie buff on your list will appreciate **iMovie 2: The Missing Manual** (\$20; O'Reilly, www.oreilly.com, 800-998-9938).



❖ Not all subjects can be captured with a digital camera. A flatbed scanner lets artists capture fabric textures and other fine elements, in addition to traditional photographs. Consider the **CanoScan N670U** (\$99, Canon, www.canon.com, 800-652-2666).

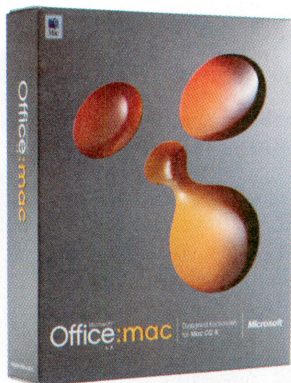
❖ **Adobe Photoshop Elements** (\$99; Adobe, www.adobe.com, 800-833-6687). A low-priced alternative to Photoshop, Elements offers intelligent help, clever consumer tools and an easy-to-navigate interface.



❖ **Print Explosion Deluxe** (\$60; Nova Development, www.novadevelopment.com, 818-591-960). Print cards, banners, origami, and more with this craft program. Nova provides thousands of clip-art images and templates. Add your vision for the perfect stationary or paper airplane.

The Mobile Mogul

✿ Although it's a bit expensive for a gift, the business person in your life will really appreciate **Office v. X** (\$499; Microsoft, www.microsoft.com, 800-246-9700). The package includes all of Microsoft's must-have applications — Word, Excel, PowerPoint, and Entourage — designed specifically for Mac OS X.



✿ **Air/Auto Power Adapter** (\$80; Lind Electronics, www.lindelectronics.com, 800-697-3702) So you've got a car, a plane — or just a seat on a plane — and a power-thirsty PowerBook? Let the little one drink from the DC power supplies of your car or plane seat with the Air/Auto Power Adapter. You can recharge after The Matrix and get some real work done. Just don't use your PowerBook while driving. Or flying.

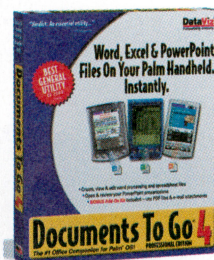


✿ **T3Hub** (\$34; Dr. Bott, www.drbott.com, 877-611-2688). It may look funny, but it's crammed with USB-goodness. A USB plug and three-port hub rolled into one, just shove the whole thing into a free USB port for an extra two connections.

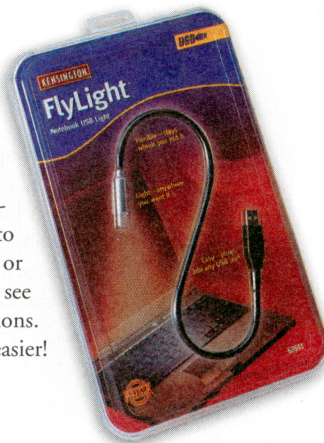


✿ A second **power cable** for an iBook or PowerBook (\$69; Apple, www.apple.com, 800-692-7753). Why drag it with you when you can have one at home and one at work? Unless, of course, you're going somewhere else.

✿ **DataViz Documents To Go Pro** (\$50; DataViz, www.dataviz.com, 800-733-0030) Put your Word, Excel, and PowerPoint files on your Palm OS handheld. You can even edit the files away from your Macintosh. Just upload them when you get back to the office, and open them again with Microsoft Office.



✿ One of the niftiest and thriftiest items you can buy your road warrior is the **FlyLight Notebook USB Light** (\$20; Kensington, www.kensington.com, 800-235-6708). This flexible lamp connects to the USB port of an iBook or PowerBook, allowing travelers to see their keyboards in low light conditions. It makes typing in the dark much easier!

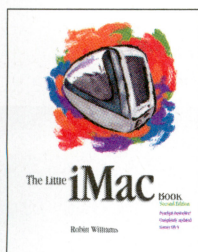


The New Mac Owner

❖ The Little iMac Book

(\$20; PeachPit, www.peachpitpress.com, 800-283-9444).

This easy-to-read tome will help the new owner get up to speed in record time.



❖ Epson Stylus Photo 780 Inkjet (\$99;

Epson, www.epson.com, 800-873-7766).

Have Mac, Will Print. This low-cost printer is especially adept at printing color photos and will be the perfect match for the \$500 digital camera you're going to buy for yourself. Oh wait, the holidays are about giving... to someone else.



The AV Fanatic

❖ Presenters and animators will love AVermedia's

iAverKey Pro DV (\$99; AVerMedia, www.avermedia.com, 408-263-3828), a handy device that allows you to export the video signal from your iMac or Power Macintosh to your television and VCR. You can make presentations on the big-screen, and record animations and other creative content to videocassette.



❖ Everyone needs a good set of music makers for their Macintosh — especially since iBooks and PowerBooks come with such tiny little speakers. Consider beefing up an iMac with an **iSub** (\$59) or adding Apple Pro Speakers (\$59) to a portable or Power Macintosh G4 (Apple, www.apple.com, 800-692-7753).

❖ A portable MP3 player

will be a real treat for the music fan on the run.

Consider the new **Rio 800** (\$250, Rio, www.riohome.com, 800-468-5846), which ships with a hefty 128MB of RAM.

This allows the player to store 30-40 music tracks, which is great for that long winter hike. You can also opt for the inexpensive Rio One (\$99), which includes 32MB of RAM.



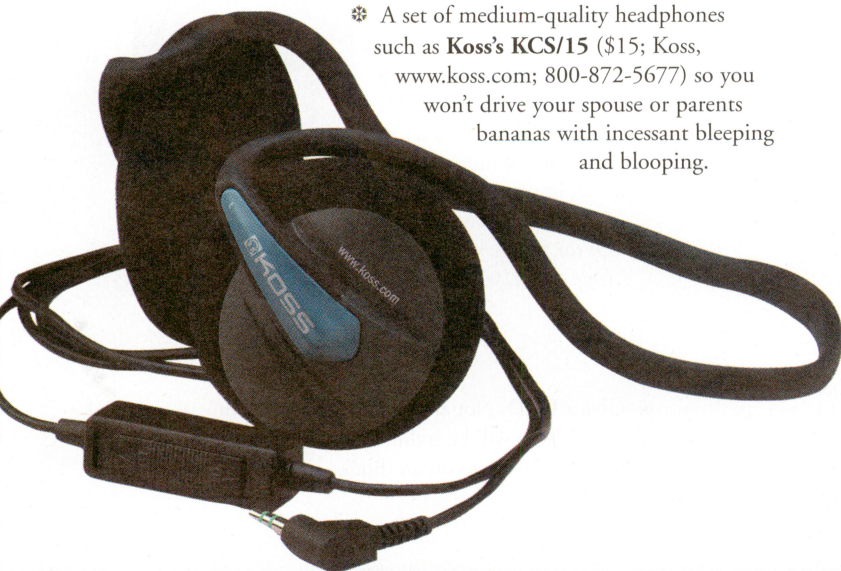
❖ Give a **DVD**. Not all Macs play DVDs, but your loved one will be stylin' on a cross-country flight with Memento on an iBook.

The Gamer



✿ A two-button mouse with scroll wheel makes a great gift. Consider the **Intellimouse Optical** (\$49; Microsoft, www.microsoft.com/mac, 888-218-5617) or the **Wheel Mouse Optical** (\$30, Logitech, www.logitech.com, 888-863-8312). Every tried and true gamer knows that one-button mice just don't cut it in Unreal Tournament.

✿ **Myst III: Exile** (\$49, UbiSoft, www.ubisoft.com, 415-547-4000) is an excellent choice for the new gamer. Its simple point-and-click interface and engaging storyline promise to draw your loved one into a rich and complicated world.



✿ A set of medium-quality headphones such as **Koss's KCS/15** (\$15; Koss, www.koss.com; 800-872-5677) so you won't drive your spouse or parents bananas with incessant bleeping and blooping.

✿ **Escape From Monkey Island** (\$45; Aspyr, www.aspyr.com, 512-708-8100). Although it's been out for a few months, this game will definitely delight the gamer in your life with its satirical take on the pirate life.



✿ **The Sims: House Party** expansion pack (\$30, Aspyr, www.aspyr.com, 512-708-8100) is the perfect gift for the Sims fan on your list. The software requires that the user have a full copy of The Sims, however, so do a little investigating before you buy.

RED FACTION™

THE
REVOLUTION
IS COMING

Join
now

A new generation of
First Person Shooters
that will revolutionize
Mac gaming.

For the first time ever,
destroy and alter the
environment in real-time!
GEO-MOD™ technology
gives you the power to
blast obstructions, creating
strategic elements as the
action unfolds.

Unleash 15 weapons of mass
destruction, hijack 5 fully armed
land, sea and air vehicles and
wage war through the diverse
levels, trying to stay alive long
enough to bring down Ultor and
solve the mystery of the Plague.
Red Faction is a revolution. Join now!



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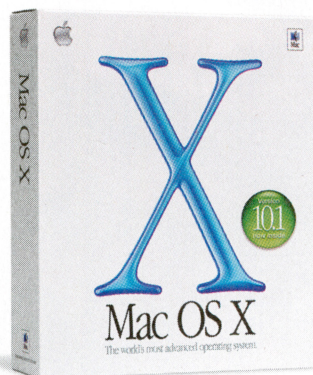
BLOOD AND GORE
VIOLENCE



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Everyone

❖ There's never been a better time to buy **RAM** — at press time, prices are floating around \$25 for a 128MB module and \$50 for a 512MB module. A memory upgrade makes an excellent companion gift to Mac OS X, too!



❖ You can't go wrong with **Mac OS X** (\$130; Apple, www.apple.com, 800-692-7753). Version 10.1 will be a great gift for any user who hasn't yet installed Apple's phenomenal new operating system.



❖ At the risk of sounding vain, we must note that a subscription to **MacHome** makes a great gift! You get 12 great issues for just \$29.95, and each subscription includes a complimentary subscription to our HotTips and Classroom email newsletters. Visit www.machome.com or call 800-800-6542 to send **MacHome** to the Mac lover on your list!

❖ USB devices can pile up quickly. It may be more convenient for the peripheral fanatic on your list to locate scanners and printers some distance for their desk. For that, they'll need a **USB extension cable** (\$25; Belkin, www.belkin.com, 877-523-5546).

Kids

❖ What do kids love? Math! What do kids want? Math problems! Well, maybe not. Consider buying younger children a Humongous title like the **Pajama**

Sam Three-pack (\$20;

Humongous, www.humongous.com, 425-486-9258). If they've been naughty, though, you can pick up **Math**

Explorers Deluxe (\$20;

Dorling Kindersley, www.dk.com, 212-213-4800).



❖ Although it's a little pricey, your kids will love the **ProScope digital microscope** (\$200, Bodelin Distribution, www.theproscope.com, 800-441-6877). The ProScope connects to an available USB port and magnifies items 50X, showing the detailed image on your Macintosh.



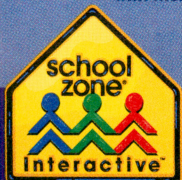
❖ **Hoyle Kids Games** (\$30, Sierra, www.hoylegames.com, 425-644-4343) is a great collection of games designed especially for children, including Old Maid, Go Fish, Snakes & Ladders, and Tic-Tac-Toe. It's sure to amuse school-age children (and their parents) for hours.

HIGH SCORE!



"Do you have kids in need of a little extra practice with those stubborn school subjects? We recommend the Electronic Workbook Series."

-Warren Buckleitner, Children's Software Review

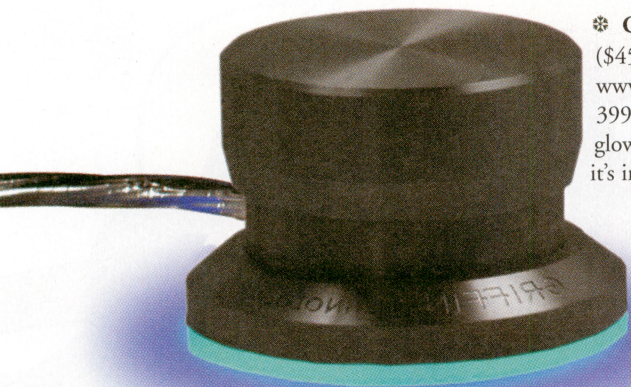


School Zone Kids Make the Grade!

schoolzone.com 800.253.0564

On-Track Software—Electronic workbooks for today's kids.

The Person Who Has Everything



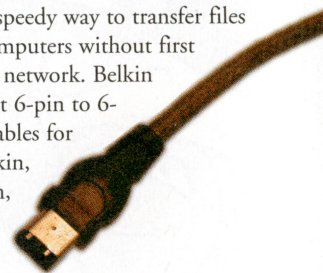
❖ **Griffin PowerMate**

(\$45; Griffin Technology, www.griffintechnology.com, 615-399-7000). A silver knob sits atop a glowing blue base. It's mysterious... it's intriguing... it's a glorified volume control, but wow, it's cool!

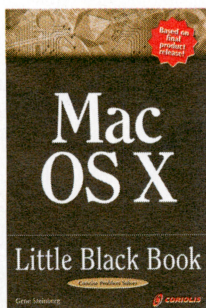
❖ **QuickTime 5 Pro** (\$30, Apple, www.apple.com, 800-692-7753) is another great gift idea for the person who has everything. And you don't even need to wrap the gift! You'll get a serial number that you can pass along to that special someone in a greeting card. The serial number unlocks extra features of QuickTime, including the ability to edit movies in QuickTime Player and save movies downloaded into your web browser window.

❖ You can ease the agony of back pain sufferers with the **Half Lumbar Roll** (\$18; Fellowes, www.fellowes.com, 800-945-4545). It straps to a chair and fills the gap in the back's natural curve to ensure proper posture.

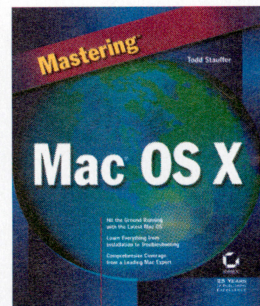
❖ Apple's latest Macintoshes can be linked together with a **FireWire cable**, allowing one computer to act as an external hard drive. It's a speedy way to transfer files between two computers without first setting up a network. Belkin offers a six-foot 6-pin to 6-pin FireWire cables for just \$34 (Belkin, www.belkin.com, 877-523-5546)



The Bookworm



❖ We all need a little help understanding our computers at times, and the rapid adoption of Mac OS X has given rise to several excellent instructional books. Choose a title such as **The Mac OS X Little Black Book** (\$25; Coriolis, www.coriolis.com, 800-410-0192) or **Mastering Mac OS X** (\$45; Sybex, www.sybex.com, 510-523-8233).

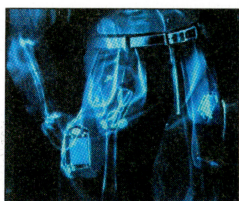


The Technophile



✿ **Keyspan's Digital Media Remote** (\$50; Keyspan, www.keyspace.com, 510-222-0131) allows your loved one to remotely control a Macintosh. It's great for presentations, watching DVDs, and scaring Mom when she vacuums.

✿ The technophile in your life may have all the cool gadgets, but does he have gadget pants? The new **Dockers Mobile Pants** (\$50; Dockers, www.dockers.com, 800-362-5377) provide extra pockets for keys, cell phone, handheld and pager.



✿ You can't go wrong with a **surge protector**. With all of the boxy power adapters that your favorite techno-freak will be plugging-in, splurge on two. If lightning strikes or the power fails, you'll be protected. Belkin (www.belkin.com) and APC (www.apc.com) offer models ranging from \$8-\$20.



✿ **Sonnet Piccolo** (\$99, Sonnet Technologies, www.sonnettech.com, 949-587-3500)

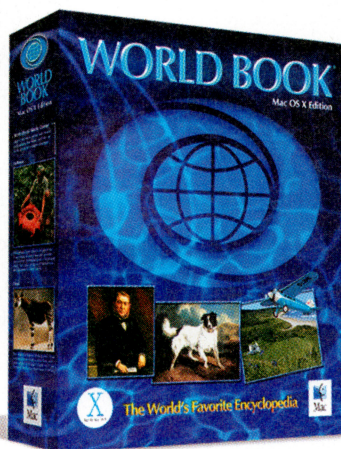
This smart little device plugs into a USB port to give you 32MB, 64MB, or 128MB of portable storage. You can then transfer files and apps between computers without discs!



✿ Sometimes, giving nothing at all is special. TDK's **CD-R Media 20 pack** (\$20; available at most computer supply stores) is a good option. Think of the infinite uses of blank CDs! Beyond Christmas tree decoration and a way to protect that oak table from wet glasses, put the discs to use for audio creations, video production, or data backup.

"Brilliantly organized, with an Aqua interface that has a brain behind its pretty face."

- MacHome Magazine Review
October 2001



The Final Decision

"World Book 2002 is for Mac OS X only. This is a superpower application, ideal for anyone from students to grandparents. If this doesn't give you a reason to upgrade your Mac's



operating system, nothing will."

The all-new World Book 2002 for Mac OS X. So aqua. So rich. So glad to give you an excuse to upgrade. Just \$59.95. Now at the Apple Store!



WORLD BOOK®

Available at the Apple Store. Visit www.apple.com/store to purchase World Book or to find the Apple Store nearest you.



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Apple Gear

iMac (Entry)	A basic system with 500MHz G3 processor, 64MB RAM, 20GB hard drive, and CD-ROM.	\$799
iMac (Fast)	A well rounded-system with 500MHz G3 processor, 128MB RAM, 20GB hard drive, and CD-RW.	\$999
iMac (Faster)	A speedy system with 600MHz G3 processor, 256MB RAM, 40GB hard drive, and CD-RW.	\$1,299
iMac (Fastest)	Same as above, but with 700MHz G3 processor and 60GB hard drive.	\$1,499
iBook (CD-ROM)	The entry-level iBook is great portable system with 500MHz G3 processor, 128MB RAM, 15GB hard drive, and CD-RO M.	\$1,299
iBook (DVD-ROM)	Step up to the DVD version and get a 600MHz G3 processor, 128MB RAM, 15GB drive, and DVD-ROM. Great for watching movies!	\$1,499
iBook (CD-RW)	The same processor, memory and hard drive space as above, but with CD-RW for burning discs on the road.	\$1,599
iBook (Combo Drive)	The ultimate iBook sports a 600MHz G3 processor, 128MB RAM, 20GB drive, and a combo CD-RW and DVD-ROM. Burn discs and watch movies wherever you are!	\$1,699
Power Macintosh G4 (Fast)	A great system for fledgling power users. Includes a 733MHz G4 processor, 128MB RAM, 40GB hard drive, and CD-RW.	\$1,699
Power Macintosh G4 (Faster)	A speedy system for graphic artists and pro gamers. Ships with an 867MHz G4 processor, 128MB RAM, 60GB hard drive, and a SuperDrive for creating your very own DVDs.	\$2,499
Power Macintosh G4 (Fastest)	The optimal system for power-hungry users. Includes two speedy 800MHz G4 processors, 256MB RAM, 80GB hard drive, and a SuperDrive for DVD authoring.	\$3,499
PowerBook (Fast)	An entry level system for mobile power users. Features a 550MHz G4 processor, 128MB RAM, 20GB hard drive and DVD-ROM for watching movies on the road. Airport ready.	\$2,199
PowerBook (Faster)	A speedy system that includes 667MHz processor, 256MB RAM, 30GB hard drive, and DVD-ROM. Airport Card Included	\$2,999
PowerBook (Fastest)	The ultra portable for road warriors. Includes a 667MHz processor, 256MB RAM, 46GB hard drive, and DVD-ROM. Airport card included.	\$3,299
Apple Pro Keyboard	A great gift for users with older USB-based systems. It offers a full set of function keys and handy volume and eject keys.	\$59
Apple Pro Mouse	Another great gift for users with older USB-based Macintoshes. Its optical sensor and oblong shape will be a delight for those who have been suffering with its perfectly round predecessor.	\$59
Apple Pro Speakers	iBooks, PowerBooks and Power Macintosh G4s need a little help in the audio department. This set of external speakers beefs up the sound quality while maintaining a sense of style.	\$59
Apple Studio Display Display 15"	This entry-level flat panel display is bright, crisp, and features a resolution of 1024 x 768.	\$599
Apple Studio Display Display 17"	This midrange flat panel display offers a larger viewable area with a resolution of 1280 x 1024.	\$999
Apple Studio Display Display 22"	This titan of flat panel displays features a robust 1600 x 1024 resolution and an incredibly wide viewing angle.	\$2,499
AirPort Card	This small card enables wireless connectivity. You'll need two systems (each with a card installed) or an AirPort Base Station to network wirelessly.	\$99
AirPort Base Station	The AirPort Base Station wirelessly routes an Internet connection and other network services to Macintoshes with AirPort cards.	\$2,99

Prices and configurations current as of press time. Check www.store.apple.com . 800-692- 7753

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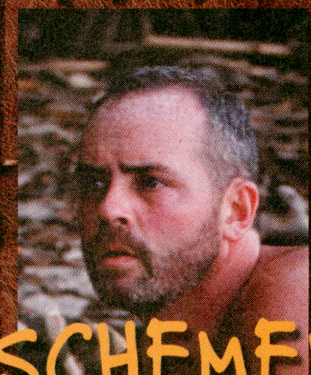
THE INTERACTIVE GAME



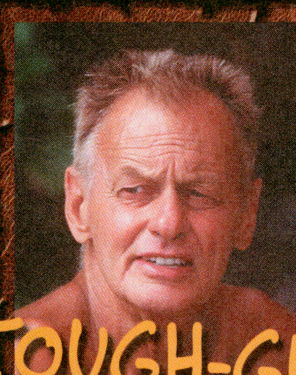
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HEART-THROB



SCHEMER



TOUGH-GUY



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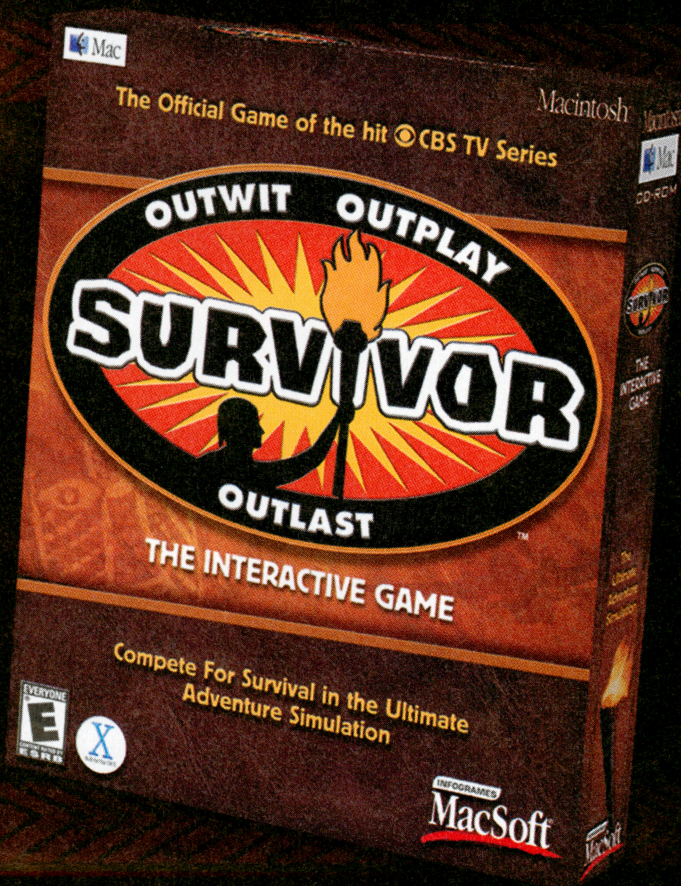


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Sharing Folders with Specific Users

Mac OS 9 makes it easy to share your entire hard drive with family and friends on your network. It's not the most secure solution, however. At any time, your friends can poke around your hard drive and peek at potentially sensitive data. Thankfully, Mac OS 9 offers an alternative. You can share specific folders with specific users with just a little effort. (For more information

on file sharing under Mac OS 9, see New Owners in MacHome June 2001.)

The first task is to create a user account for those who must access files on your computer. Open the File Sharing control panel, and click on the Users & Groups tab at the top of the window. At the right, click New User. A new window appears. Enter a user name and a password, and close the

window. Continue adding users as required, giving each of them a unique password. Once you've got a set of users, you can create groups to allow multiple users to access the same folder. Click New Group at the right. A new window appears. Give the group an appropriate name and then drag users from the Users & Groups list onto the new group window. Users can belong to multiple groups, and you can create as many groups as you wish.

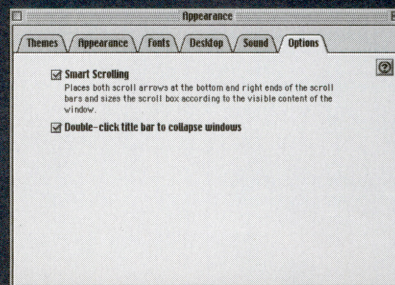
The next step is to set up your folders for file sharing. You can either select an existing folder, or create a new one. It's probably

a good idea to keep the folder easily accessible, like on your desktop or the first level of your hard drive. Click once on the folder, and select Get Info: Sharing from the File menu. Click to the option to "Share this item and its contents." Move down to the User/Group pop-up menu, and select the user or group you want to have access to the folder. Now,

move to the right, and select the type of privilege you want to assign the folder. You can choose Read & Write, which allows users to copy files to and from the folder; Read Only, which only allows files to be copied from the folder; and Write Only, which

Window Shading

Mac OS 9 allows you to collapse any window to its title bar by clicking the small rectangle in the top right. This allows you to view the contents behind the window without having to actually close the window or move it offside.



Fans of this feature can simplify its activation by opening the Appearance control panel, clicking the Options tab, and checking off the second option which allows you to collapse any window by double-clicking its title bar.

Did You Know...

There are more than **18,000 products for your Macintosh?** Find them all at Apple's Macintosh Products Guide Website:

<http://guide.apple.com/usindex.html>

only allows files to be copied to the folder. (This last option is referred to as a drop box, and it's a secure way to allow people to send files directly to your computer. The folder doesn't open, so other users can't see what has been uploaded to the server.) Once you've made your selection, close the window to save your changes.

Contact your friends, and give them their users names and passwords. To access your computer, they will have to open the Network Browser, double-click the AppleTalk listing, and then double-click the name of your computer when it appears. (Users logging in across the Internet must select Connect to Server from the server popup menu and enter your computer's IP address.) They will be prompted to input their user name and password, and once entered, they can access the folder (or folders) you have set up for them.

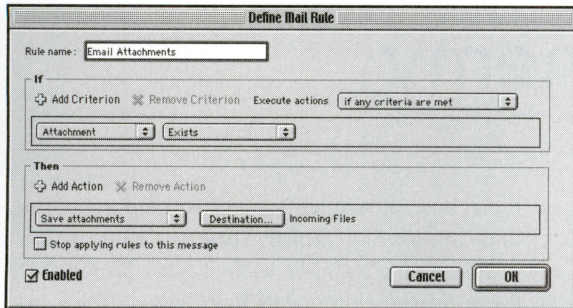
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Create an Email Attachments Folder

Outlook Express and Entourage like to keep incoming email attachments all to themselves. Arriving files are compressed and kept in a large database until

and choose Rules from the Tool menu. A new window titled Mail Rules appears. Click the New to open another window, and define a new mail rule. Give your rule an appropriate name, such as Email Attachment Relocation. Move down to the If box, select Attachment from the popup menu, and choose Exists from the pop-up menu that appears at the right. This tells the application to scan for messages with attachments.



you access the message and drag the attached file to the desktop. This is tedious, forcing you to launch your email application each time you want to access the file. And if you delete an email message with an attachment, the file is deleted along with the message.

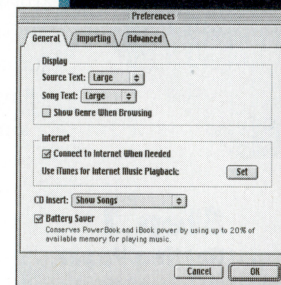
The good news is that you can create a mail rule that automatically saves attachments to an incoming file folder of your choice. Create a new folder on the desktop, and call it Email Attachments. Launch Outlook Express or Entourage,

Move down to the Then box, and select Save Attachments from its popup menu. Click the Destination button at the right, and choose the Email Attachments folder you just created. Finally, uncheck the option marked Stop applying rules to this message. This ensures that other existing rules are applied to these messages. Click Okay, return to the Mail Rules window, and drag your new rule to the top of the list. This allows the rule to collect attachments before other rules

have a chance to sort the incoming email. All incoming attachments will now be saved in your new Email Attachments folder!

Enlarge iTunes Text

Do you find iTunes text a little too small? Select Preferences from the Edit



menu, and click the General tab at the top of the window. The first item listed is Display. Simply select Large from both the Source Text and Song Text

popup menus, and click OK. You should now find the text much easier on your eyes.

Mac OS Update Watch

Apple now offers all its software updates through its AppleCare Knowledge Base at www.info.apple.com/support/downloads.html. You will need to sign up to obtain an Apple ID and password. Alternatively, you can use the Mac OS's Software Update control panel to access new software updates.

Mac OS 9.2.1 Update

This latest update for Mac OS 9 is designed to optimize performance under Mac OS X. The update enhances Classic application compatibility and provides improved support for PowerPC G3 and G4 systems. The update requires Mac OS 9.1; if you've got an earlier version of Mac OS 9, you'll have to download the Mac OS 9.1 updater first. (71MB)

iMac Power Management Update

A small battery in the iMac provides power for the internal clock and several other control panel settings when the computer is shut off. This update extends the life of this battery in iMacs that shipped this year. It is not intended for any other model of Macintosh. (1.1MB)

CarbonLib 1.4

This update provides enhanced performance and functionality for Carbon-based applications running in Mac OS 8.6 through 9.2. The update is included as part of Mac OS 9.2.1 as well, so there is no need to download and install the update if you've already upgraded to Mac OS 9.2.1. (2.1MB)

iDVD 1.0.1 Update

This maintenance update to Apple's iDVD software includes a number of minor enhancements. The update may prevent Power Macintosh G4s without a built-in SuperDrive from using the software, however, so exercise caution when applying the update. (2.2MB)

Did You Know...

A full version of **Mac OS 9.2.1** is included with the Mac OS X 10.1 Update CD. Customers who purchased Mac OS X earlier this year can get the disk for just \$20.

www.apple.com/macosex/uptodate/



Paper Alchemy

In a world of store-bought gifts and free wrapping, it's sometimes difficult to make your gifts extra special. This holiday season, you can use your Macintosh and an inkjet printer to create wrapping paper and gift bags that are almost as precious as the presents nestled inside.

Step 1 Getting Paper

The first thing you'll need to do is buy some sturdy paper that will not rip when it is wrapped around an object. You'll also want to avoid paper that is too thick, since it will not bend without creasing. Most inkjet printer manufacturers offer heavier

papers (look for a paper weight between 28-38 lb) with either a matte or glossy finish.



What You'll Need

1. An Image Editor (Like Photoshop Elements)
2. A Color Inkjet Printer
3. A Scanner or Digital Camera
4. Sturdy Inkjet Paper
5. Clear Tape

By Chris McVeigh

Step 2 Making a Pattern

The next task is to create a pattern that you can print on the paper. Open up your image editor and create a new file that is 8.5" wide and 11" tall. Setting the image resolution is important — at 72 pixels per inch, you'll have a small file to work with, but the final output may appear pixilated; at 300 pixels

per inch (or higher), you'll have larger file that may be difficult to work with, but your final output will be very detailed.

Take an image from your digital camera or scanner (perhaps of a knit scarf, dried flowers or holiday ornaments) and paste it into the top left corner of the image file. Now continue to paste addi-

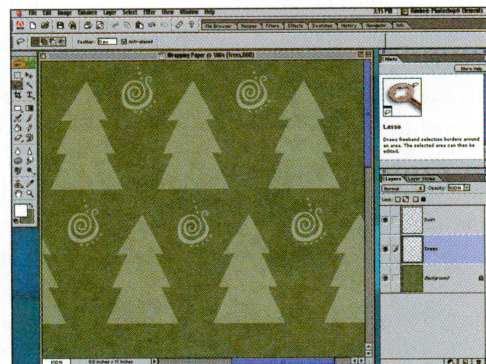
tional images from left to right and top to bottom, until you have an attractive pattern. You may find it easier to use a plug-in such as Filter Factory (<http://privat.schlund.de/f/filter-factory/fffilt.htm>) to create the pattern. Experiment with different images to see which one you like best.

Step 3 Printing your Paper

It's important to select a print mode that gives you a quality print, but doesn't soak the paper with ink, since this can weaken the paper and lead to tearing. Opt for a middle resolution, select edge-to-edge printing (if your printer supports the feature), and hit Print. You may need to experiment with your printer settings in order to optimize your output. Allow the paper a few minutes to fully dry.

Step 4 Wrap your Gift

One sheet of paper is large enough to wrap a small ring box or standard CD. For bigger gifts, you'll need to tape multiple sheets together with clear tape. Line up the pattern as best you can and apply the tape to the unprinted sides of the paper to minimize any awkward appearance.



Gift Bags

Step 1

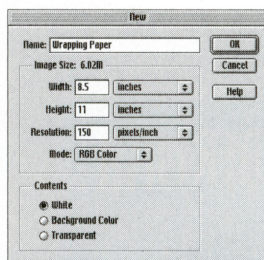
Getting Paper

As with our first project, you'll need to purchase some sturdy paper. This time, however, you'll be looking for a heavy stock paper that is tough enough to stand on its own. Most inkjet printer manufacturers offer hefty papers (with a paper weight between 38-58 lb) with a smooth matte finish.

Step 2

Making a Pattern

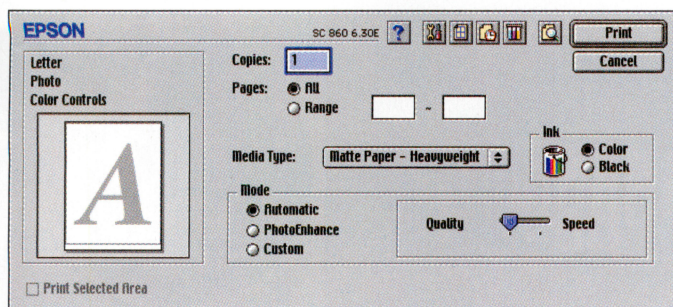
Once again, you'll need to open your image editor and create a new image file. Take a scanner or digital camera image and repeat it across the blank canvas. Experiment with different images to see which works best as a pattern.



Step 3

Printing your Paper

Select a middle quality print mode and choose edge-to-edge printing if the option is available. Experiment with your printer settings to ensure top-quality output. Allow the paper sufficient time to dry.



Step 4

Folding the Paper

Here's where things get different from our last project. Set the paper face down on a flat surface. Fold a small strip inwards along one edge of the paper and glue it into place. This will be the lip of the bag. Now place the small box

What You'll Need



1. An Image Editor (Like Photoshop Elements)
2. A Scanner or Digital Camera
3. Color Inkjet Printer
4. Heavy Stock Paper
5. A Hole-Punch
6. Clear Tape and Glue
7. Colored Ribbon
8. Small Box

on the paper, oriented so that the paper can fully wrap around the box. Place the box somewhat close to the bottom side of the bag (opposite the side with the folded lip), leaving about an inch visible. Now fold the paper around the box and tape it into place. Move the bottom edge of the bag and fold the paper in on itself (as you would when wrapping a present). Tape the folds in place, but be sure not to tape the paper to the box. Now gently wiggle the box free of the bag.

Step 5

Finishing Touches

Once you have removed the box from the now-formed bag, it's time to add a few final touches. Lay the bag on its side. Push its two narrow sides inwards, and starting from the top lip, flatten the bag. This will create two paper-bag creases in the narrow sides. Now expand the bag and punch two holes about an inch apart on each wide side of the bag, near the top. String your colored ribbon from one hole to the other on each side to create decorative handles.

Step 6

Bag it!

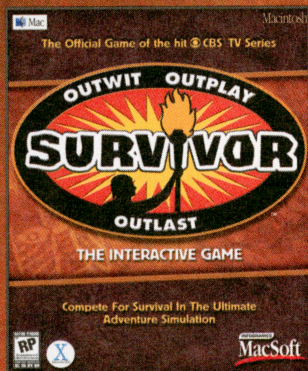
All you need to do now is pop your gift in the bag and add some decorative tissue paper. It was hard work, but it's worth it. Let's just hope you put as much effort into choosing the gift! **MH**

Tell Us What You Think!

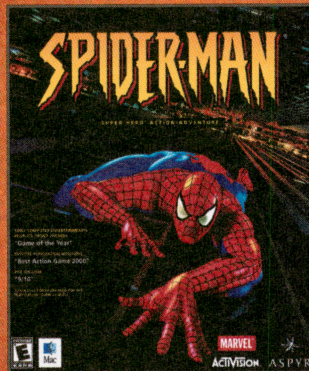
We look forward to hearing from our readers. Write us a quick note and tell us what you think of this month's issue!

www.machome.com/feedback

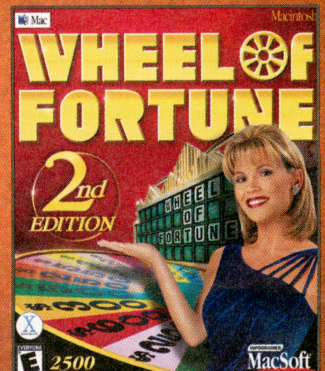
The Best Games Are Built for M



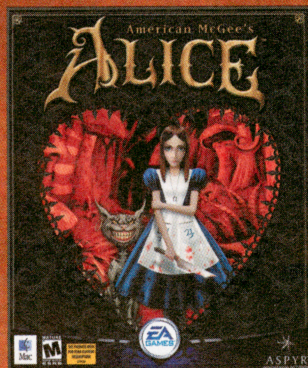
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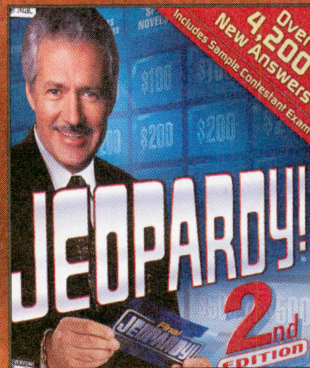
Shipping in November



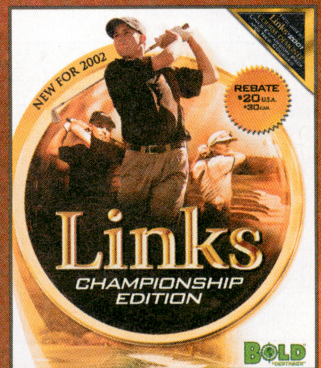
Shipping in November



Now Shipping

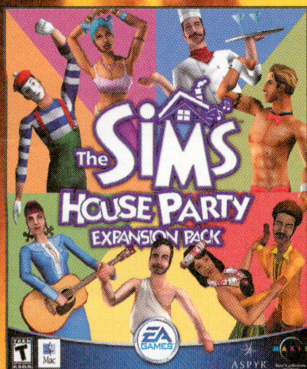


Shipping in November



Shipping This Fall

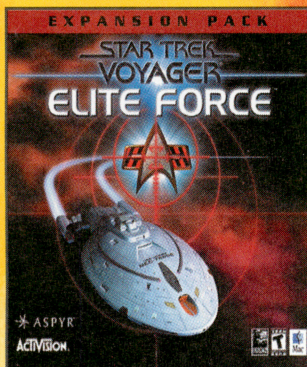
ac OS X



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Media Catalogers

Three Catalog Applications Compete for your Image Library

The growing number of images, movies, and sound clips cluttering our hard drives has given birth to a new class of utilities. These organization tools help catalog, archive, and display any combination of media files we throw at them.

Three popular applications designed to help users get these kinds of files under control are Extensis' Portfolio, Canto's Cumulus, and iView Multimedia's iView Media Pro. Portfolio offers powerful search capabilities, but its uninviting interface can be an impediment to easy operation. Cumulus is a feature-packed application, but many users could easily be overwhelmed by the program's many capabilities. iView Media Pro's simple interface, extensive output options, and Mac OS X compatibility make it the best choice for digital imaging enthusiasts who are looking for a way to organize their photos and movies.

Portfolio's strength is its ability to search for files by a number of different criteria. You can seek files by type, size and creator, and a unique keyword system allows you to add specific terms to individual files to facilitate more thorough searches. Portfolio's most glaring problem is its user interface. Although it is quite functional, it lacks polish. This can make the application tricky to use, especially if it is your first time using a media cataloging application.

By Patrick Leyden

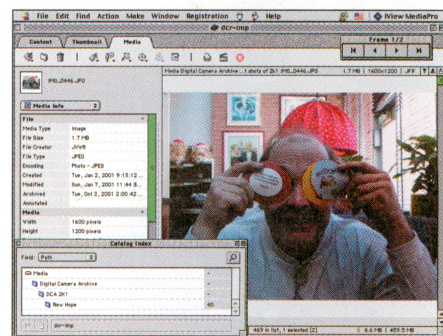
Cumulus is based on a larger cataloging program designed for a professional, workgroup environment. One might think that the single user edition is simply a crippled, consumer version of the workgroup product, but this is not the case. Cumulus has an impressive array of features, including a variety of file input and output options, and excellent search capabilities. Optional extensions to the application give it the ability to share catalogs with non-Cumulus users via CD-ROM or the Internet. The real downside to Cumulus is that it offers too many features — so many, in fact, that only power users will be able to exploit them all. The application can be very intimidating to a casual user.

iView Media Pro is designed for users of varying skill sets. The program's attractive user interface incorporates just the right amount of tabs and icons to give users quick access to

features without overloading them with options (although it is not as customizable as Portfolio and Cumulus). Media Pro is a reliable cataloging tool with a good search engine and flexible display options, and it surpasses its competition with its extensive output options. Its slideshow offers more display options than either Portfolio or Cumulus, and its Internet and QuickTime output options are certainly the most mature of the three programs tested. The HTML gallery features a choice of web page templates reminiscent of those found in Apple's iTools HomePage, and the QuickTime Movie mode allows you to change preferences (such as movie size) quickly and easily. The final bonus is that iView Media Pro is the only current media catalog that runs natively under Mac OS X.

The Final Decision

Although all of these applications do a satisfactory job organizing media files, iView Media Pro is the best choice for both new and experienced users. It has a robust set of features but remains very easy to use. **MH**



rating ★★★★★

Portfolio 5.0.2

Desktop Edition

\$100

Extensis

www.extensis.com

800-796-9798

rating ★★★★★

Cumulus 5

Single User Edition

\$100 (Retail), \$90 (Download)

Canto Software

www.canto.com

415-703-9800

rating ★★★★★

iView Media Pro 1.2

Single User Edition

\$90 (Retail), \$50 (Download)

iView Multimedia

www.iview-multimedia.com

408-351-4354

Bryce 5

Corel's Bryce 5 is the latest revision of the venerable landscape editor. This update features an impressive new tree generator and network rendering, but continues to stumble with its user interface.

Bryce is a creative application that allows you to create realistic three-dimensional organic environments. Unlike many other 3D applications, Bryce excels at generating cloudy skies, rippling water, and rolling hills. Mountains, rocks, and other objects are fully editable, allowing you to apply a gamut of different surface textures. Environments can be fully animated and exported to QuickTime.

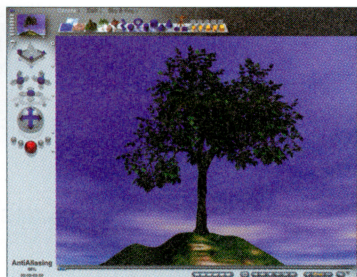
Bryce 5's most welcome new feature is the Tree Lab. This tool makes it incredibly easy to generate realistic trees for your Bryce environments. The application provides a high degree of control over the parameters of the tree, including its species, trunk size, branch droop and the

shape and color of its leaves. The trees are then generated with random variations, to ensure no two trees are identical.

This version of the application finally adds network rendering. You can now share duty with other computers on your local network to significantly speed up the rendering process. Network rendering is platform independent, too, so you can put both Macs and PCs to work.

Bryce 5 also introduces a new Light Lab, which allows you to control the direction, intensity and tint of lights for your environment. The Terrain Editor now includes convenient floating palettes, and a number of new textures are now available for your landscapes.

Bryce has always been known for its stylized interface. Although there have been significant improvements to user experience in recent releases, Bryce 5's



interface can be cumbersome at times; one glaring example of this is the inability to resize any windows. Unfortunately, the nonstandard interface can increase the learning curve for new users.

The Final Decision Although its interface takes some adjustment, Bryce 5's impressive new tree generator and network rendering capabilities make it a worthy upgrade.

— Chris McVeigh

rating

Corel
\$299 (\$149 Upgrade)
www.corel.com
800-772-6735

 Excellent tree generator, network rendering

 Non-standard user interface

StealthFire

The StealthFire the latest web camera from iREZ, makers of the popular KritterCam. Although the new camera has a speedy FireWire interface, it is hampered by lackluster image quality and color banding.

The StealthFire has a sturdy base with a tripod mounting bracket, and a rotating ball pivot for the camera module. The camera gets its power from the FireWire bus, so no external power cable is required. The camera's focus ring is loose, however, making it hard to adjust with any precision.

The color quality of the camera image is fair but unimpressive. The automatic color controls tend to give the video a pale green cast, leaving skin tones a pasty white. Thankfully, the image color can be improved by adjusting the color settings manually. Another troubling issue is image blurriness at 640x480. There is a

sharpness control, but by default it is set to zero. Increasing the sharpness makes video noise more visible and therefore significantly degrades image quality.

Although we were able to record video at 30 frames per second at a medium size of 320 x 240, we could not record over 20 frames per second at 640 x 480 — even by recording directly to RAM. And despite an abundance of light in the room, captured video contained obvious motion blurring.

The most glaring issue with the camera is color banding. At 320 x 240, there is a subtle red band at the left; at 640 x 480, a blue band extends over two-thirds of the image. iREZ explains this is caused by interference on the FireWire bus, and that it affects all brands of cameras. They



also noted the banding would vary from computer to computer. In our tests, the StealthFire color banding was identical on a Power Macintosh G4 and an iMac; on the other hand, our Orange Micro iBot exhibited no such banding on either computer.

The Final Decision Purchasing a StealthFire is a risky venture. Although you can fine-tune the image quality, you may never be able to avoid the unusual color banding.

— Chris McVeigh

rating

iREZ
\$130
www.irez.com
480-922-1415

 Well constructed camera with sturdy base and tripod mount

 Mediocre image quality, irregular color banding.

Suitcase 10

Extensis' Suitcase 10 is an intelligent font manager that provides automatic font activation and extensive font previewing. It's an excellent tool for both graphic professionals and font fanatics.

Although you may collect hundreds of fonts over time, you likely use only five to ten of those fonts in any given application. Scrolling through a long list of fonts in search of a particular typeface can be downright annoying. Suitcase allows you to define a font set for an application, so that only those fonts load when the application is launched.

Suitcase 10 introduces several new feature that lessen the need to create dedicated font sets. As you probably know, opening a document that requires fonts which aren't currently installed is rather frustrating. Suitcase 10 now has the ability to automatically activate fonts, so each time a new document is opened the



utility loads the fonts it requires. Suitcase 10 can also activate fonts on demand, so you can use any font at any time.

Another great new feature is the ability to collect fonts for output. This is an important tool for professional graphic designers who must regularly send fonts to a print shop. All you need to do is select the fonts within the utility's control panel and it will automatically copy them to any location.

Suitcase makes it easier to work with fonts by providing several methods to preview typefaces. Onscreen previews let

you see the font's complete character set, how the font looks at different sizes, and how it looks as a paragraph. For greater detail, you can print sample pages for a complete overview of the font. Suitcase also allows you to preview a typeface from within standard font menus. Other convenient new features include contextual menus, a control strip module, and the ability to track corrupt fonts.

The Final Decision Suitcase 10 is a flawless font manager that will be appreciated by anyone with a fetish for fonts.

— Chris McVeigh

rating ★★★★★

Extensis
\$99
www.extensis.com
800-796-9798

Automatic font activation, extensive font previews, corrupt font tracking

None

Epson Stylus Photo 820

A standard-setting printer, the Epson Stylus Photo 820 is just what most home users will want for creating stunning photo prints. Digital photographs returned to an analog world through this printer look so close to 35mm prints that the difference is insignificant. (Of course, you'll have to start with a high-resolution file.) And even for middleweight files, the result is smooth color tones and sharp edges. Although this printer doesn't fare well with ordinary text, it is a powerhouse worth choosing even if you have to use a separate machine for mundane documents. Home photo enthusiasts, your printer has arrived.

If you're an avid digital photographer and you want to be able to hold your images, the Stylus Photo 820 is a great way to get them out of your computer. A routine installation had it working in Mac

OS 9 in no time at all; Mac OS X support should be available shortly after press time.

On several paper types (especially glossy photo paper), prints looked just like the originals. There were no problems with large areas of similar colors (where other printers may leave streaks), and the level of detail was surprising. The printer spits out images at up to 2,880 x 720 dpi, and assuming your original digital image is high-resolution, this printer will not disappoint. Print times depend on the type of print and dots-per-inch of the output. While it took about two minutes to deliver the best quality on a full page, the results are worth the wait.

The best feature of the Stylus Photo 820 — well, besides its quality results — is its border-free option. Several paper types



support prints with no white space, a welcome change from cropping or living with white margins of other printers.

The Final Decision

Although text printing on plain paper is somewhat fuzzy (but still useable), this factor should not matter to a buyer who wants to accurately reproduce photos. This inexpensive printer is unparalleled.

— Zack Stern

rating ★★★★★

Epson
\$129
www.epson.com
800-873-7766

Beautiful photo prints, margin-free printing

None

Canon PowerShot G2

A headliner consumer camera that's feature-rich for hobbyists and even some pros, the PowerShot G2 captures perfect images in nearly any situation. The automatic controls perform admirably, but for difficult situations, full manual white-balance, focus, exposure, and aperture settings do the job. High-resolution recording, a useful zoom lens, and extra touches like a refined LCD make this a complete camera. This is the camera for hobbyist photographers who need this power or analog-jockies considering the digital side but are concerned about limited resolution and control.

With a top resolution of 2,272 x 1,704, the PowerShot G2 supplies enough file information to create smooth prints. Colors are bright and accurate with most automatic settings. For limited control, choose one of the pre-pro-

grammed settings for landscapes, portraits, or other situations. Or take full command with manual white-balance, shutter speed, and aperture functions. A favorite is the manual focus which, while it takes deliberate pushes on small buttons instead of turning a ring, is effective because it magnifies the center point on the LCD. Focusing off an LCD can be hard because of the limited resolution, but the magnification defeats this problem.

Installation of the image transfer and manipulation software (Photoshop 5 LE is bundled) was a snap in Mac OS 9. Transferring photos was a simple process. The camera did not work with Mac OS X at press time, but support is expected.

The G2 supplies a few extra features that make it even more compelling. The battery life is solid and will last for hours in the field. You can set up your shots



with the viewfinder to peek out more power. And the LCD is mounted on a swing-out, rotating hinge so that you can use it flush against the camera body or extended on the side.

The Final Decision The PowerShot G2 is just the right camera for experienced or advancing photographers. With pro features like four-megapixel images and manual controls, the G2 is only short on pro pricing.

— Zack Stern

rating ★★★★★

Canon
\$999
www.canon.com
800-652-2666

Full manual controls, competent auto settings, high resolution

None

iShock II

★★★★★

Macally
\$49
www.macally.com
626-338-8787



The iShock II gamepad has a conventional (but proven) design with a solid feel and a host of buttons. You'll get the jump on your virtual enemies with the two analog control sticks, too. If game developers take advantage of it, the force-feedback motors shake the controller at significant points to simulate a hit or other on-screen action. Unfortunately, this aspect of the controller is under-utilized and generally supported by only a handful of Ambrosia games. But even with the limited quantity of force-feedback games, this gamepad works so well otherwise that it's a perfect addition to any gamer's arsenal.

Support for the controller in Mac OS X depends on the game; check on the game publishers' websites for updates. Support for Mac OS 9 is handled through a quick software installation and worked great.

With games like Tony Hawk's Pro Skateboarder 2, Madden 2000, and 4x4 Evolution, a gamepad is a necessity. These and other titles aren't tuned to work with a keyboard and mouse like a first-person shooter. The iShock II has 13 buttons and a choice of analog and digital directional controllers (the analog is capable of minute changes and digital is either on or off). These features, and its robust design and weight, make the iShock II one of the top game pads.

— Zack Stern

RioVolt SP250

★★★★★

SonicBlue
\$180
www.riohome.com
800-468-5846

The RioVolt SP250 is a rounded solution for MP3 junkies who also want to retain access to a CD collection. It plays both regular audio CDs and CD-Rs full of MP3 tunes you've burned. Although its navigation system isn't perfect, this is a powerful player for any music fan.

The music quality is full, with many preset equalizer settings and the ability to manually adjust the tones. Included headphones get you started out of the box, and the eight-hour rechargeable battery will last through a host of MP3s.

The navigation on the player is mixed. Anyone with a computer will appreciate the

up/down
left/right
control for
navigating
files and
folders. But

linear, song-advance and song-rewind controls are the defaults, making folder organization useless. Getting through 100 or more MP3s sequentially is frustrating. And the best part of this player — the playlist function — is only accessible with the linear song selection method.

Shock protection is mixed. A jolt to the player when the CD is spinning will cause the song to halt. This seldom happens, however, since the CD only spins to preload songs.

Otherwise, for MP3s on CDs, the RioVolt is an effective portable.

— Zack Stern



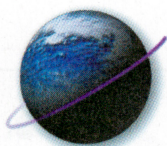


MacHome's 2001

Holiday Gift Guide

Put the fun back into holiday shopping. ❄ From entertainment and home learning to reference and home office, you will find the hottest, most helpful holiday gift ideas on the following pages. ❄ We're sure you'll find exactly the gifts that you're looking for and probably discover a few new ones along the way.

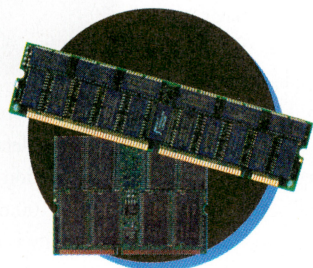
Unwrap the brightest
holiday gifts
for your Macintosh this season!



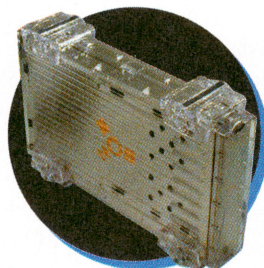
Other World Computing

www.macsales.com
800-275-4576

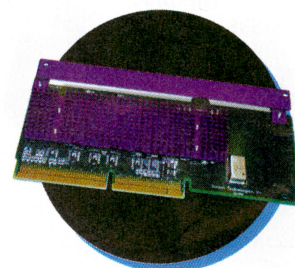
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'Twas the night before Christmas,

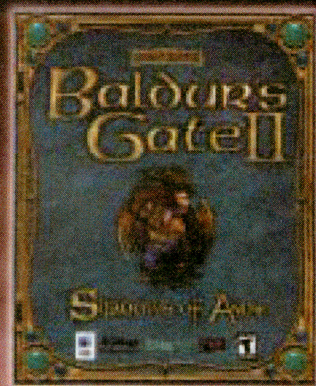
*and all through the house
Not a creature was stirring,*

not even a Macally Mouse...

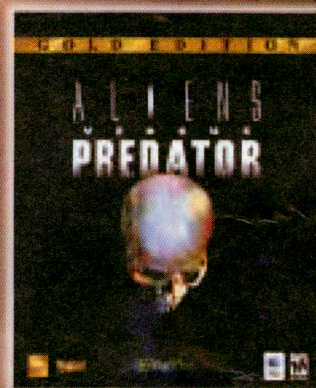


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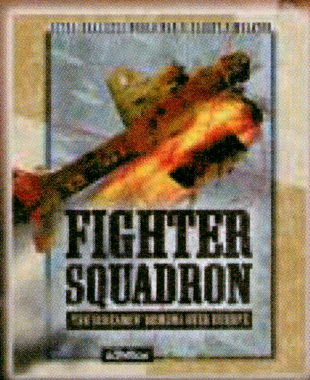
Play Different.



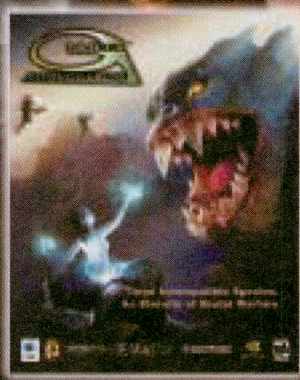
Quest



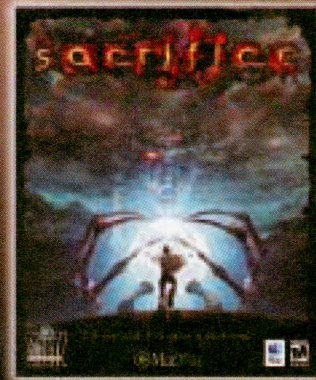
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Fly



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Second Prize: DVD player plus the first two seasons of Survivor on DVD

Third Prize: DVD player

Consolation: Seven runners-up will receive various items of Survivor-branded clothing

How to enter:

It's easy – read the *Digital Survivor* article on page 58, and answer the following questions. Go to www.machome.com and click on the "Survivor Challenge" button to fill out the entry form*.

1. What company is publishing Survivor: The Interactive Game?
2. In what country is the game set?
3. When is the game scheduled to ship?
4. How do you keep your teammates from turning against you?
5. What skill do you need to build alliances with other teammates?
6. To how many categories do you need to allocate skill points in order to create your own character?

That's it — good luck!

*Entries can also be emailed to: Publisher@machome.com with the word "Challenge" as the subject, or mailed to: MacHome; Attn: Challenge; 703 Market Street, Suite 535; San Francisco, CA 94103. To qualify, you must include your name, phone number, and mailing address. One entry per person — winners will be chosen randomly from all completed entries. Prize winners will be notified by phone or email by January 10, 2002. Employees of MacHome, MacSoft, Infogrames, and DDB Needham are not eligible to enter. Entries must be received by December 31st, 2001. Infogrames publishes Survivor: The Interactive Game under license from CBS.

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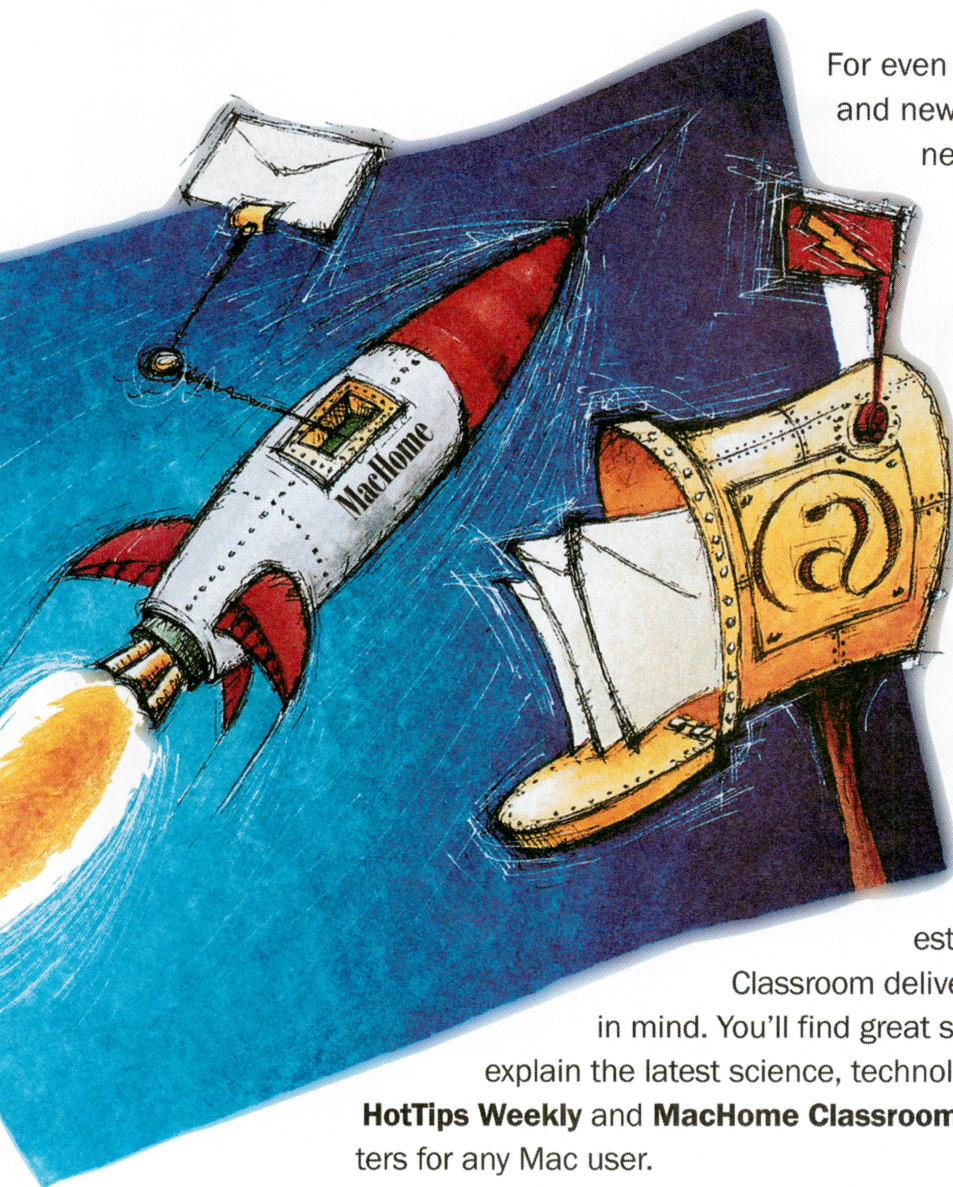
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The iMac Authority

The Mac Workshop Super Issue!

Photo Album CD

Build a digital photo album and burn it to CD!

Pg. 54

Burn a Backup

Use the Mac OS to store your data on a CD!

Pg. 55

Make a Slideshow

Show off your digital images in a QuickTime Movie

Pg. 56

AirPort Internet

Share your connection with wired network Macs!

Pg. 57

Create Playlists with iTunes

One of iTunes's greatest strengths is its ability to organize and sort your MP3 audio collection. It's unlikely you'll want to listen to your entire library of music in one sitting, however. You may only want to hear the latest chart toppers, for example, or perhaps you'd like to make a long mix for an upcoming party. You might even want to create a list of love songs for a special evening you have planned. iTunes is sensitive to these needs, allowing you to create multiple playlists to suit your mood.



Once you've organized your music collection, select New Playlist from the File menu. An untitled playlist will appear in the Source listing to the left of your music listings. Click once on the entry and give it an appropriate name (for

example, "Top Hits December 2001"). Now click once on the Library entry at the top of the Source listing. Browse through your audio collection until you find a song you want to add to your new playlist. Click on the song, hold down the mouse button and then simply drag it to your new playlist at the left. Continue to add as many songs as you wish. Once you're finished, click on the playlist to view the tracks you've added. You can rearrange the songs by dragging and dropping them in any order you see fit. To delete an item, click on it once and press delete on your keyboard.

You can create as many playlists as you like. You can listen to your lists sequentially, or if you prefer, you can select Shuffle from the Control menu to play the tracks randomly. You can also click the minimize square in the top right of the window to reduce the iTunes interface to a small, unobtrusive MP3 controller.

Overscan Your DVD Movies

You can connect Apple's latest PowerBooks and iBooks to a television for presentations or to watch DVD movies. Unfortunately, the desktop image is scaled down to ensure it is entirely visible on the television's screen. This leaves black borders all around the displayed image, and depending upon the intensity of the light in different parts of the image, the edges may appear to warp.



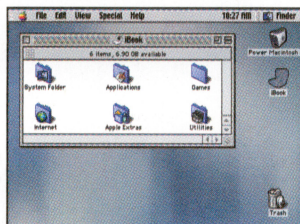
Thankfully, you can opt to overscan the image to watch DVDs. Connect your PowerBook or iBook to the television and then drag open the Control Strip. Near the far end, you'll discover a new module has appeared. The TV Mirroring module looks like a television with a Mac OS face in it, and it offers control to improve the onscreen image. Select Overscan so that the left and right edges are comfortably hidden from view.

FireWire Disk Mode

Own two or more FireWire-equipped Macintoshes? Then you'll definitely want to know about their hidden talent. You can connect any Mac with built-in FireWire to any other Mac with built-in FireWire and have the hard drive of the first computer appear as an external hard drive on the second. This can be a very handy feature if you want to transfer large files between the two computers. Better yet, if you have a problem that prevents one computer from starting up, you can connect it to the other as an external drive and troubleshoot it remotely. It's extremely convenient in emergency situations. Although the previous incarnation of this feature (SCSI Disk Mode) was restricted to PowerBooks, you can use FireWire Disk Mode with any current FireWire-equipped Macintosh, including the iMac, iBook, and Power Macintosh G4.

FireWire 2.3.3 or better installed. Those of you with earlier versions can download the latest FireWire software update at www.apple.com/firewire/.

After you're up to date, shut down the Macintosh you want to use as an external hard drive, but leave the second Macintosh running. (iBooks and PowerBooks should be plugged into a power source since FireWire activity further drains the battery.) Now connect the FireWire cable from one Mac to the other. Press the power button to restart the first Macintosh, and immediately hold down the T key on its keyboard. The Macintosh soon displays a FireWire disk mode icon on its display, and its hard drive icons appear on the second Macintosh.



Once you're finished copying files or troubleshooting, simply drag the hard drive icon of the first Macintosh into the Trash. Don't worry — this doesn't erase the hard drive. It simply unmounts it from the desktop. Now return to the first Macintosh and press the power button to shut it down. You can disconnect the FireWire cable and startup normally once again.

Send a Personalized iCard

Did you know you can personalize Apple's iCards with your favorite photo? It's surprisingly easy to insert a digital camera image into a standard iCard. The first task is to sign up for an iTools account, if you haven't already done so. Go to www.apple.com, click the iTools tab at the top, and then follow the signup procedure to get started.

Once you're ready to roll, you must mount your iDisk. You can do this either through Mac OS X's Go menu, Mac OS 9's Network Browser or via

the iTools website. Return to the Finder and double-click the iDisk icon to view its contents. The top right icon will be titled Pictures. Simply drag all your favorite images to that folder and wait for the files to copy. (Your photos must be saved in the JPEG image format, usually denoted with the ".jpg" suffix on the file name. Most digital cameras save images in JPEG format by default.)

Now, return to your web browser and click iCards at the top left of the purple iTools menu.

Once the iCards page loads, click the option to "Create Your Own" in the lower right. You're then presented with a list of images available in your iDisk Picture folder. Select the image you want your iCard and click Preview. Once the image appears at the right, click "Select This Image" to continue. On the next page, you can select a font and type in your message. Click Continue, enter a recipient address, click Add Recipient and then click Send Your Card. Your personalized message is on its way!

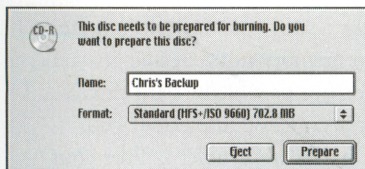


Disc Burner Inferno

iTunes is a great tool for burning your favorite music tracks, but if you want to backup your important documents, you should turn to Apple's Disc Burner. Released quietly alongside iTunes, Disc Burner allows users to backup files and folders simply by dragging and dropping

the items onto a blank disc. The utility's is included as part of the recent Mac OS 9.2 Update. Those of you who haven't yet upgraded can find the software at www.info.apple.com/support/downloads.html.

Insert a blank disc into your CD-R drive, and the operating system immediately flags it. A window appears, asking you to name the disc. Once you've settled on a name, click Prepare. The disc then appears on the desktop. You can drag files to and from it like any other hard drive, storing up to 700MB on a single disc. (The catch here is that you're not actually writing to the CD as you move around your files. Apple's Disc Burner software has created an active disk image instead, to minimize confusion for new users.) Once you're done dragging files and folders to the CD, you're ready to burn the disc. Click once on the disk to highlight it, and then select Burn CD-R from the Special menu. Follow the directions, and in a few moments, the disc begins to burn in the background.



DVD Audio Problems

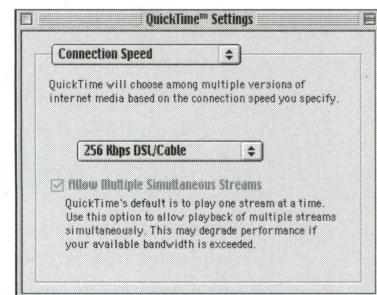
Do the audio and video seem out of sync when you watch a DVD on your Macintosh? It's a fairly common problem with Apple's software-based DVD Player. To ensure that an actor's speech matches the movement of his lips, you should download and install DVD Player 2.7 (www.info.apple.com/support/downloads.html) and QuickTime 5.0.2 (www.apple.com/quicktime). If the problem persists you'll need to open the Memory control panel, turn Virtual Memory off, and restart your Macintosh. This will fix the audio mismatch in most cases.

Grabbing the Massive Movies

QuickTime 4/5 has a setting for Internet connection speed that may prevent you from obtaining the highest quality movie trailers and hardware ads from Apple's QuickTime website.

To change your settings, go to the QuickTime control panel and select Connection Speed from the pop-up menu. Click

on Intranet/LAN to ensure you are sent the highest quality content. It takes a lot longer to download these larger files if you are connected with a standard modem, however, so before you change your speed setting make sure you are comfortable with extra wait.



Coping with a Computer Crash

Understand the reasons why your Macintosh crashes

By Chris McVeigh

A crash can be an especially traumatic event for a new owner. **The screen freezes; the keyboard and mouse are unresponsive;** and the computer is silent except for the lonely, aimless whir of its hard drive.

The first question many new owners wail to themselves is "What did I do?" They mistakenly assume that their unfamiliarity with their new Macintosh has led them to accidentally trigger some sort of built-in self-destruct sequence.

Now, unless you've squeezed mayonnaise into the disc slot or poured cola through the air ducts of your Macintosh, it's unlikely that you're responsible for the crash. Pressing the reset button almost always returns the computer to life.

The most frequent cause of a crash is that one software component simply doesn't agree with another. The Mac OS is made up of many different pieces of software. Think of each such piece as a feisty 12-year old child, and the Macintosh as a trusty old school bus. As you startup your Mac, you load each child into the bus. Now, most of these children are well behaved.



Sometimes however, two or three of the children will be a bit unruly.

Let's consider Andrew and Matthew. Andrew's a bit of a troublemaker, and Matthew's not one to back down from a fight. Andrew was one of the first on the bus and he sits at the back, while Matthew got on the bus much later and sits towards the front. There are no problems so long as Andrew and Matthew don't interact. Now let's say the bus driver calls Andrew to the front. The minute

Andrew sees Matthew, he starts calling him names and instantly the two are locked in a fistfight. The bus driver immediately slams on the brakes. She cannot continue to drive as long as the two are in disagreement.

So, the cause of most crashes is the interaction of two pieces of software that simply don't get along. The computer comes to a halt because it does not know how to remedy the situation. Over time, both Andrew and Matthew will undergo therapy to quell their inner turmoil. Likewise, a software publisher undertakes extensive troubleshooting to ensure its software does not conflict with other pieces of software. Once bugs have been identified and corrected, a software update is released.

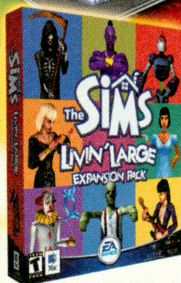
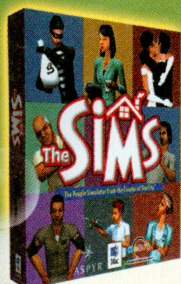
Occasionally, but more seriously, crashes will occur due to hardware failure. Think of your Macintosh as a trusty old school bus once again. Now imagine the school bus has a flat tire. You might be able to start its engine, but the moment you attempt to drive the bus you'll discover it is dead in its tracks. Mac hardware failures can strike the moment you turn on the computer (a black screen displaying a sad Mac icon appears, indicating a logic board or memory failure), or can creep up like a slow coolant leak (a minor defect in memory not detected at startup or a corrupt part of the hard drive).

It's important not to panic if you suspect a hardware problem. Take your Mac to an authorized repair center and let a professional assess the situation. Remember that your new computer has a warranty to guard against these sorts of problems.

Your Mac will crash. It's a cold, hard fact of computing life. And although it may be symptomatic of a deeper problem, more often than not it's an isolated, incidental event. Press the reset button, get yourself a coffee and go back about your business. 

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Build a CD Photo Album

Collect your favorite images and burn them to CD

By Patrick Leyden

Digital photos are visual histories of our lives that should be **as easy to look at as the photo albums on your bookshelf**. Using your Mac's CD recorder and some inexpensive software, you can create a digital photo album to share with your family and friends.

What You'll Need:

- A Recordable CD Drive
- Mac OS 9.2.1, Mac OS X 10.1 OR Mac OS 9.1 with the Disc Burner Utility (www.info.apple.com/support/downloads.html)
- Photoshop Elements (\$99, www.adobe.com)

Step 1: Organize Images

It's a good idea to have a central location for your images. Mac OS X provides a Pictures folder by default. Mac OS 9 users will have to create their own folder, however. Inside the Pictures folder, you can create individual folders for specific groups of images. This pre-sorting will make the job of finding and viewing your images much easier in the future. Now, make a temporary folder on your hard drive that will act as a staging area for your images. If you have a specific theme in mind for your CD-ROM photo

album, feel free to name this folder accordingly ("Fall Camping Trip 2001," "Holiday Memories," etc.). Otherwise, simply call the folder "Photo Album CD."

Step 2: Create the Album

Once your photos are organized, the next step is to create the pages of your virtual photo album. Adobe's Photoshop Elements is an inexpensive image editing application that provides an easy way to do this. Under the File menu's Automate submenu, you'll find an option to create a Web Photo Gallery. This generates small thumbnail images from your high-resolution photos, places these photos into a web page and links the thumbnails to your original photos.

Photoshop Elements has several features to help customize your Web Photo Gallery. The Styles menu allows you to select the look-and-feel of the

web pages, while the Options menu lets you select the size of the thumbnail images, the title and color of the web page, and whether or not you want to resize your original images. (This is an important consideration if your Photo Album CD is going to serve as a backup of the original images. Resizing the photos will make them look better onscreen, but it will reduce their level of detail substantially and may result in blockiness when printed.) The Files selection allows you to select your Pictures folder as your starting point and choose your Photo Album CD folder as the destination for the web pages, photos and thumbnails.

Step 3: Burn the CD

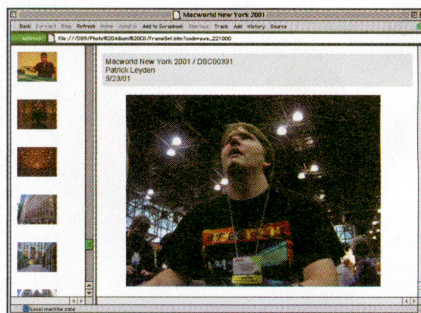
Once the images are organized and the photo album's web pages are prepared, you must check the size of your Photo Album CD folder. In order to fit the entire folder on a single CD, it cannot be larger than 620MB. You can now burn your disc. (See *Burning a Backup CD* in this issue for more information).

Place a blank CD-R into your drive. You will be prompted to select the kind of CD you want to make; choose Standard. Name the disc and drag the contents of your original Photo

Album CD folder to the corresponding blank CD on your desktop. Once it has copied, select Burn CD from the Special menu and wait for the burn to finish.

Step 4: Viewing your Album

Double-click the Index.htm file on your CD to launch your web browser and explore your digital photo album. You can now trash the Photo Album CD folder and start collecting images for your next image collection! 



Burning a Backup CD

Use Disc Burner to backup your valuable data

By Michael Eilers

One impressive feature of Mac OS 9.2.1 and Mac OS X 10.1 is that users can burn a data CD without additional software. **This guide will walk you through the process** so that you can create your own data backups.

What You'll Need:

- A Recordable CD Drive
- Mac OS 9.2.1, Mac OS X 10.1 OR Mac OS 9.1 with the Disc Burner Utility (www.info.apple.com/support/downloads.html)

Step One: Prepare the CD

Once you have all of the necessary hardware and software, you'll need a CD-R or CD-RW disc. A CD-R can be used once, while a CD-RW can be reused thousands of times. The advantage of CD-R media is that they are very inexpensive and they burn at the maximum speed your drive supports; CD-RWs often max out at 4x, well below the speeds of most newer CD-RW drives. On the other hand, you can reuse CD-RW media, which is great for backing up data that frequently changes.

If you have Mac OS 10.1 and a DVD-R drive (also known as the SuperDrive) you have a third option: Using a DVD-R or DVD-RW disc

that can hold 4.2 gigabytes of data. Although these are pricey (\$20 each) and take some time to write, the discs hold the equivalent of 60 CD-Rs! It's definitely the way to go if you need a mass storage solution.

Once you have chosen your media, just pop it in your CD-RW drive and wait. After the disc spins up, you will be presented with a dialog asking you how to prepare the blank media. Our goal is to create a data CD, so choose that option and give the CD a name you will remember.

As soon as you click Prepare, the disc will be mounted on your desktop. However, what you see is not actually the CD. Rather, it's a disk image that takes up hard drive space. This is the first pitfall you must watch for — to burn a CD with 650MB of data, you must have 650MB of free hard drive space to prepare the media for burning.

Step 2: Collect Your Files

Depending on your needs, this can be the easy part or the hard part. You can

choose to backup whatever you like, but some obvious options include your Documents, Pictures and Movies folders.

Double-click the CD-R icon on your desktop. At the center of the window you will see a figure indicating the space remaining on the volume (this is very important information). To add files to the CD, simply drag and drop files or folders into this window; there will be a pause as the files are copied to the disk image. Once the CD is full you can rearrange the files and label them as required. It is important to note that while you may be able to copy your entire Mac OS 9 System Folder to the disc, you cannot make a CD that will startup your computer.

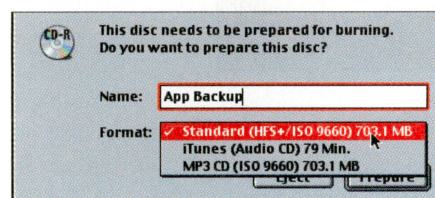
If you want to copy an existing CD-ROM and you have an external CD-RW drive, just mount both CDs and drag the original disc onto the empty disc image. If you only have one drive, you must make a disc image of the CD-ROM with Apple's Disk Copy, mount it, and then drag it onto the empty disc image.

Step 3: Burn the Disc

There are several ways you can start burning your CD. The easiest is to simply click once on the CD and then select Burn from the Special Menu. You

can also select Put Away (command-Y), or drag the CD icon to the Trash Can; under Mac OS X 10.1, the

Trash icon in the Dock then turns into a Disc Burner icon. Click OK, and you're on your way. Under both Mac OS 9 and Mac OS X, you can continue to work while the CD is burned in the background. You will experience some loss of performance, however, and heavy use of your hard drive (such as file copying or network transfers) are not recommended while the burn is in progress. 



Create a Slideshow

Showcase your digital photos with QuickTime

By Michael Eilers

The Macintosh has earned its reputation as the ultimate multimedia machine, so why not put all that power to use? This short tutorial will teach you **how to transform a collection of pictures into a simple slideshow.**

Step 1: Prepare Your Images

Gather all of the images that you want to include in the slideshow into a folder. When the QuickTime Player creates the slideshow, it takes the width and height of the first image you select and makes that the default size, and all

What You'll Need:

- Digital Photos
- QuickTime 5 Pro
- Image Editor
- MP3 Music Track

other images are zoomed, shrunk or squashed to fit in this shape.

If you have simply dumped the images straight from your digital camera into the folder, then you may be all set to go. However, if you took these photos at a high-resolution setting you will need to reduce them in size before making the slideshow. All images should be saved as JPEG files (indicated by the suffix .jpg at the end of the file name).

Both Photoshop Elements (\$99, www.adobe.com) and Graphic



Converter (\$35, www.lemkesoft.de) have an Image Size command that will allow you to scale your images. After scaling down very large images (over 1280 pixels wide), you might want to use the Sharpen filter to clean up the details. Make sure to save the resized image in JPEG format.

Images that were taken with the camera in a portrait mode can also present a problem. It is best just to sort these images into their own folder and make a separate slideshow.

Step 2: Order Your Images

The QuickTime Player builds a slideshow based on the order of the images. All the images in the slideshow

must begin with the same name, and end with a number. Rename each image file and add "_01" to the first image, "_02" to the second, and so on. To keep track of the changes you are making, view the folder in List view and make sure you have it sorted by Name (rather than Date Modified or Size).

Step 3: Create the Slideshow

Launch the QuickTime Player and then choose "Open Image Sequence..." from the File menu. Locate your folder of images and select the first image for the slideshow. After you click Open, you will be asked to choose the delay between images from a popup menu; select "4 Seconds Per Frame" and hit OK.

A few seconds later, the complete slideshow should appear in a QuickTime Player window. Hit Play to see the slideshow, or use the arrow keys to flip through the slides one at a time.

Step 4: Add the Soundtrack

Now, this is a little tricky — what if your slideshow is shorter (or longer) than the MP3 you plan to use as the soundtrack? You can avoid this problem if your song is of a reasonable length. Choose Import from the File menu, find your MP3 and hit Convert; your song will open in a new player window. Bring the window for your slideshow to the front, then choose Select All from the Edit menu. Next, choose Copy from the Edit menu and switch back to the player for your song. Choose Add Scaled from the Edit menu, and the slideshow will automatically be stretched so that it starts and ends when the song does. This will usually add time between each slide, so you need to choose an appropriate song length. For instance, a 40-image slideshow will need a 3 minute song to show an image every 4.5 seconds. Now choose "Save As..." from the File menu and give the slideshow a unique name. Check the option to "Make Movie Self-Contained," and you're done! 

AirPort's Double Duty

Sharing your connection with network Macs

By Patrick Leyden

Apple's AirPort networking technology is an exciting innovation that not only lets users access the Internet wirelessly, **but also shares that connection with other AirPort-equipped Macs.**

Although older iMacs and Power Macintoshes may not be able to go wireless, you can use an AirPort Base Station to share your Internet connection between your wired and wireless Macs. All it takes is some inexpensive networking hardware and a simple configuration change to your network preferences.

What You'll Need:

- AirPort Base Station
- Ethernet Hub (\$40)
- Ethernet Cables (\$10)

Step 1: Connect the Hub

The Ethernet hub is the center of your network and will permit the orderly flow of data among all the connected Macs. In order to share access between your AirPort and non-AirPort capable Mac, both the AirPort Base Station and the non-AirPort Macs must be connected to the hub using Ethernet cables.

Users with a dial-up connection to the Internet must connect the Base Station's modem to a telephone wall jack. Users with high-speed connections must run a cable from the DSL

or Cable modem into the uplink port of the Ethernet hub.

Step 2: Setup the Base Station

Configuring your AirPort Base Station to provide Internet access over Ethernet requires that you use the AirPort Admin Utility to alter some of the Base Station's settings. Before making these changes, your Base Station should already be configured to provide Internet access to your AirPort-equipped Macs.

Launch the AirPort Admin Utility and click Configure. You will see four tabbed menus at the top of the window. The AirPort and Internet tabs should already be properly configured. Access Control is not important unless you need to restrict access to the Base Station. Select the Network tab. The Distribute IP Addresses box should already be checked. Now, check the option "Ethernet client computers also share a single IP address (using NAT)." A warning will explain that this option

could interfere with network operations. This is true only in very rare circumstances and will not affect your network. Clicking the update button will reset the AirPort Base Station and make these changes active.

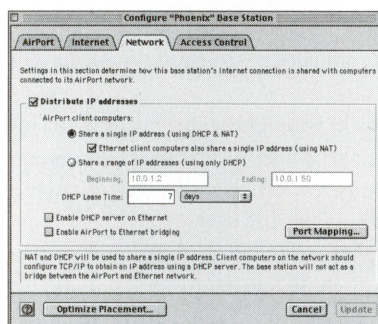
Step 3: Configure TCP/IP

Now that the AirPort Base Station has been set up to provide Internet access to your AirPort-less Mac, that computer has to be configured to receive this access. Open the TCP/IP Control Panel and select "Ethernet" from the connection popup menu, and then select Manually from the Configure popup menu. In the IP Address field, type in an address between 10.0.1.51 and 10.0.1.254. If you want to provide Internet access over Ethernet to more than one Mac, be sure that each machine has a unique IP address. The Subnet Mask field should be set to 255.255.255.0 and the Router Address field

should read 10.0.1.1. The Name Server Address and Search Domain fields should be identical to the fields in the Internet section of the AirPort Admin Utility. Once you are finished, close the TCP/IP Control Panel. When prompted to save this configuration, click OK.

Step 4: Go Online

Test the configuration by checking your email or surfing the web on your Ethernet Mac and your AirPort Mac at the same time. Remember, if you get online via a modem connection it may take a few moments for the AirPort Base Station to dial and connect. Once you're done, you have accomplished more than simply sharing your dialup or high-speed connection with all of your Macs: You have laid the foundation for a fully-featured home network. 



Digital Survivor

MacSoft Brings the Hit Reality Series to the Macintosh

You've been dropped in the middle of nowhere. It could be Borneo, Australia, or even Africa. You're stuck there with a handful of people you've never met. Some of them carry cameras and won't talk to you.

Others wear very little clothing and shake their hips and eyelashes at just about everyone around them. Finally, there are a few that actually try to gather food, build huts, and behave rationally.

Well, which one are you? The social butterfly trying to keep his or her cute little butt on the island/jungle/outback, the strong moral character with stick-to-it-iv-ness, or the quiet one holding the camera?

MacSoft, Magic Lantern, and Alt Software have been crunching away for over a year in order to force you to make that decision. Oh, and there's one other party involved: CBS.

By Alex Handy

If you haven't guessed what we're leading up to yet, time's up. No immunity for you! Yes, Survivor is coming. It's coming in November to be precise, just in time for Christmas. And best of all, it's coming to your Mac.

A quaint little programming house in Toronto has been busting its collective Canuck butt to make sure you, the devoted Mac user, won't have to wait for Survivor: The Interactive Game. MacSoft promises there will be a simultaneous release of the Mac and PC versions.

Thanks again guys!

Friends and Enemies

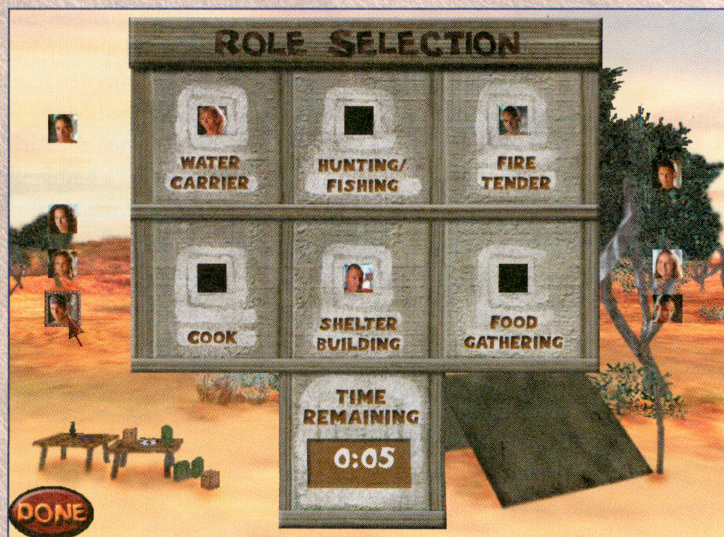
Enough laudatory talk. Let's get down to the tribal council! Your first task is a bit more existential than that of most cast members; you've got to figure out just who you are. Are you Colby? Jeff?

Kimmy? Richard? A natural choice, Richard comes resplendent with high swim-

ming skills and relatively pitiful social ones. However, he's not the most terse; you can always choose Bebe if you want to make everyone angry while getting things done.

Let's choose Richard anyway (who needs friends when you have fish?). Now we must move along to set our attitudes. If you've ever played The Sims, you may have already begun rating your real life friends on a numeric scale. Well, those stranded in the Outback do the same. Survivors are more pro-active about their friendships than Sims, however; you'll get to choose your own level of like and dislike for each person on the island.

"Well that's all fine and dandy," you may be saying, "but how do I make enemies and annoy friends?" Why, just like Richard did on the first Survivor: Misuse your words. Using an innovative interpersonal chat system,



you'll have to navigate your way through some dicey conversations with the other members of your Survivor posse. The team at Magic Lantern — a hodge-podge of Peters, Michaels, and a Jay for

Lantern, Alt Software, and MacSoft love The Sims just as much as everyone else does, but they are all quick to point out that, unlike The Sims, you can actually win at Survivor.

That didn't stop the developers from taking a healthy dose of Maxis-injected goodness as part of their steady diet of the best games out there. While not everyone on the programming staff had watched Survivor on TV when they signed onto the project, they're all avid gamers and list The Sims and Black and White as two of their favorite titles. One thing they enjoyed most

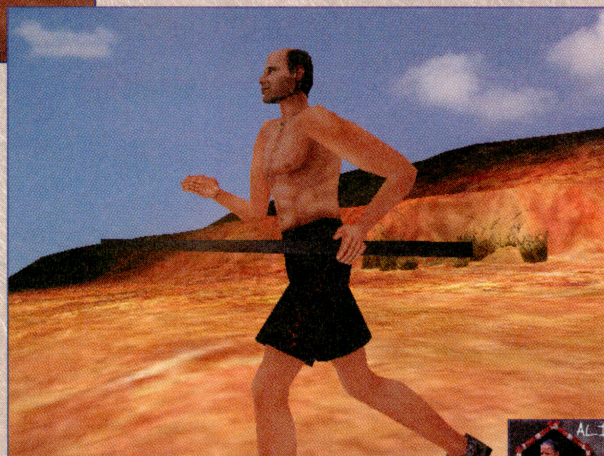
Building Alliances

No matter where you play Survivor, it always comes down to forming alliances. The easiest way to do this is to perform well in your chosen job. If you've got a cooking skill of four, you might not want to be the cook. If you do end up cooking, and through your low skill level burn the rice, you're not likely to be winning any new friends. You're also not very likely to find anyone who's willing to call you into their alliances. Just like the show, the game revolves around tribal feuds. If your tribe loses a challenge because of you, you're going to be in a precarious position. It's a good bet you won't be around after the vote that evening. As Peter Armstrong, Senior Producer for Magic Lantern puts it, "If you don't choose any roles you're going to be like Jarvice. You can also be like BeBe; he got voted off right in the beginning and worked his butt off." Rest assured that if you opt to be like Jerri or Keith, you'll earn the scorn of your tribe rather quickly.

good measure — are particularly proud of the chat system. As Jay King, Senior Producer for Infogrames, put it, "Making friends is like a choose-your-own-adventure book. You're given four or five different options and responses. There are variables where you can come up with your own questions and responses. You can find out who they think is the strongest of the tribe members, and who they think is the weakest member." The system was heavily influenced by the aforementioned choose-your-own-adventure books and chat heavy role-playing games, like Ultima VII. Basically, you'll be carrying on conversations with other cast members about hot topics. "How do you feel about _____?" will be a common question. Just fill in the blanks and sit back and bask in the furious maelstrom unleashed by an ugly topic of discussion (likely answer to your question: "I freaking hate Richard!" accompanied by a Sim-like stamping of the feet.)

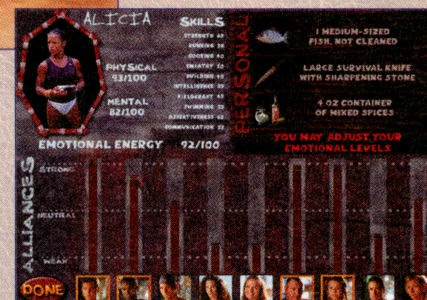
Developing Strategies

Any gamer worth his or her salt probably has an image of Sims conversing in English on an island somewhere. You would be right in making that connection. The development team at Magic



about The Sims was the quick nature of gameplay; you can sit down and spend six hours nursing your Sims back from Gerbil induced illness, or you can toy with them for a few minutes. Aiming to replicate this quick pace, Survivor allows you to play through the full 12 rounds, or as little as three. And since you can save after every tribal council, you can spend even less time playing. But who wants to waste time on real life when you've got pigs to chase? Yes, the famous wild pig incident is here. And no, it's not as startling as it was on the show.

One thing that isn't here, however, is Borneo. The game is set in the Australian Outback, and so poor Richard cannot win friends and influence people by fish alone!



So how do you keep your teammates from turning against you? Instead of choosing pre-made Survivors (which includes all the members of Survivor 1, 2, and some programmers at Infogrames who made the character design team angry), you can design your own player. To do this, you'll need to allocate skill points to 11 categories. Now pay attention, we're only listing these once: Running, swimming, strength, assertiveness,



cooking, outdoorsman-ship, building, communication, empathy, field craft, and intelligence. One of the more interesting skills is empathy. Each character on the island has an information window that lists your personal feelings for them, which is shown as a bar underneath their picture. Your empathy skill rating is indicated in a second bar, and the higher your rating, the larger the bar. Inside this bar is a brief description of what that particular character thinks of you. The higher your empathy rating, the more detailed the bar. This provides you with information you can use to build alliances or repair damaged relationships.

What other skills you beef up will be based on how you want to play the game. Want to be the cook? Better pour a lot of skill points into cooking, or there will be

several angry tribe members casting their votes against you at the next tribal council. Other skills will help you carry wood back to camp, or give you better topics to discuss in the chat system.

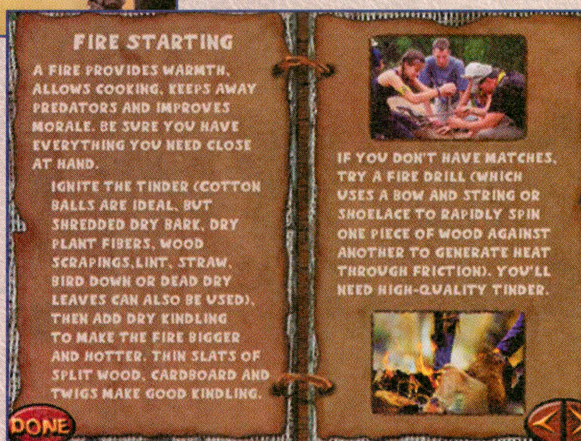
With all these things to think about, when ever will you find the

Lantern, "We had actually been conceiving the game way back around August of last year. We kind of boiled it down to a couple of things [we really liked]. We really think what makes it cool is the watercooler conversations that take place, and the challenges. Those were the foundation of what really became the game." Water cooler conversations indeed. Nary a

corner of *MacHome* was not privy to some hushed discussions of the previous night's show while the first and second series were running. We're willing to bet things were the same around your office too.

So, not only does *Survivor: The Interactive Game* have the watercooler mystique of the TV show, it has the geeky doll-house charm of *The Sims*. Infogrames

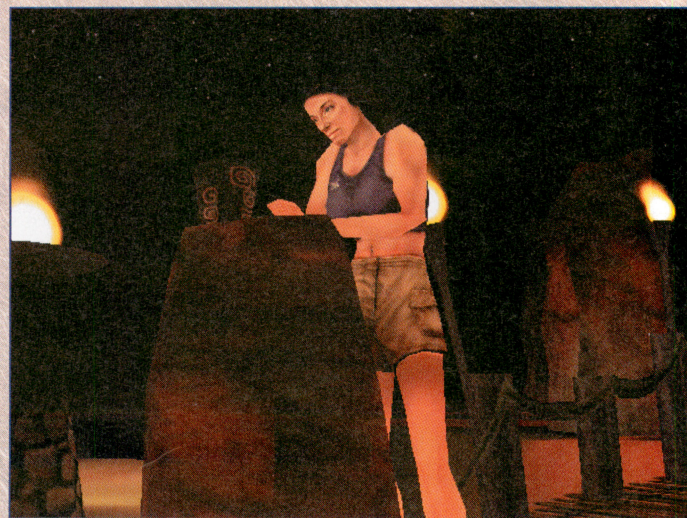
is aiming for a late November release, and as we said, MacSoft and Alt Software are keeping pace with their PC counterparts. It looks like we'll all be eating soggy, sticky rice this Christmas. **MH**



time to sit back and enjoy the beautiful Australian Outback? Well, you'll be treated to clips from the show between each survival period (three days game time). The development team has spent a lot of time fusing real footage of the land down under with the game's three-dimensional terrain. Expect to see some overhead vistas and majestic fly-bys.

Pack Your Bags

Make no mistake: *Survivor* will not be another cheesy television show tie-in. Infogrames was not the only company out there that wanted to produce a game based on the number one TV show of 2000. Says Paul Schuytema of Magic



Did You Know?

A Simulation game recreates something from reality. But with that definition, there is still a lot of variety between simulations. Flight simulators painstakingly reconstruct the experience of jets and props. A game like *SimCity* shows you what it would be like to be Mayor. Or a hunting sim takes you to the virtual outdoors.

Tips and Cheats for Deep Space Nine: The Fallen

This third-person action title has quite a bit more action than the television series. Here are some general tips for the game, as well as a list of cheats that can help you out when you're in a bind.

TIPS

The Tricorder is one of the most important elements of the game — use it often and pay close attention to its readouts. Not only is it invaluable for locating enemies and key cards, it can also find crates full of ammo or medial supplies.

Your personal phaser is a workhorse tool with many uses besides combat. Unfortunately it is also rather weak, and it may take a full charge to zap an enemy. Let it recharge fully (it will do so even when it is not the selected weapon) every chance you

get. Note that you don't have to dematerialize an enemy to get rid of them; if you watch the animation closely, most will be wiped out by a shorter blast than the full duration.

Make

sure you have Communicator Help and Auto Phaser Modulation turned on in the

game Options. Not only will this make fighting the Grigari and getting past force fields easier, the Communicator signal will make sure you don't miss elements of the plot revealed through conversations with your team members.

On the Cardassian Base levels, if someone trips the alarm, an endless supply of Obsidian troopers will beam down. You will never defeat them all. The key is to use your Tricorder to spot the civilian guards and make sure to take them out before they can get to the alarm box.

Those volatile containers and barrels littered all over the levels aren't just there for pretty explosions; they are an excellent way to take out your foes in one shot. This is critical for Worf, who does not have a hand phaser for taking on the shielded Grigari. Use the Tricorder to detect a foe, and then attempt to draw them towards a nearby barrel. When you are out of range of the blast, turn and fire!



CHEATS

If you've given up hope of surviving a certain battle or you are just annoyed that your phaser runs out so fast, here are some cheat codes. To enter the cheats, you must first press Tab, type "panacea," and then press return.

God Mode — This makes you invincible until the end of the level. Press Tab and type "god".

Flight Mode — This allows you to swim through the air, which is great for getting a look at hidden areas of the game. Press Tab and type "fly".

Ghost Mode — This lets you walk through walls, which is also a good way to reach hidden areas. Press Tab and type "ghost".

Walk Mode — This returns you to normal from Ghost and Flight modes. Press Tab and type "walk".

Rambo Mode — This gives you 999 units of all ammunition. Press Tab and type "allammo".

Skip Level — Press Tab and type "skiplevel".

— Michael Eilers

Pillars of Garendall

Pillars of Garendall is a new role-playing game from Ambrosia

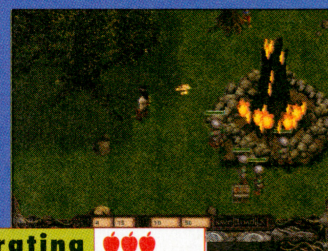
Software. You assume the role of a solo adventurer who must defend your realm against a sudden onslaught of giant, scaly beasts. As the game begins, you've got your wits, your sword, and little else.

Pillars' smooth, attractive graphics and a top-down viewpoint will be familiar to anyone who has played Nintendo's Zelda games. You can hold conversations with the characters you encounter and engage in mild, bloodless combat. As you gain experience you will also gain strength, magical abilities, and gold you can use to upgrade your equipment.

While those new to the genre might find this game charming, veteran RPG players will find the story lacks depth and the combat leaves much to be desired. The graphics are nice to look at, but the lands and cities have huge areas of sparse forest that make travel from one point to another a chore. The fast walking speed of your character and his lighting-fast turns makes precise control difficult. The game also needs robust hardware to run smoothly (especially with Mac OS X).

Pillars of Garendall is a light-hearted adventure with attractive graphics that is humbled by control issues, too much traveling, and a lack of depth.

— Michael Eilers



rating

\$25

Ambrosia Software

www.ambrosiasw.com

Beyond Atlantis

Beyond Atlantis sends you on a quest to discover the true fate of the lost city. The adventure game features a fully immersive environment and heavy character interaction, but it is hampered by poor quality visuals and a few technical quirks.

Beyond Atlantis is best described as an interactive story. Although there are several paths to its ultimate conclusion, the correct path is always clear and the

puzzles serve only as roadblocks to the next chapter.

Unlike many similar titles, the game requires that you interact extensively with characters that you

encounter. You'll come across a wide variety of people who are anxious to share valuable information. The narrative is conveyed

through a series of impressively animated cutscenes. Although character facial animation is rather stiff, the voice acting is often excellent.

The game provides a full rotational view of your surroundings at each location, complete with scenic animation to bring the environment to life. Unfortunately, the quality of the image is generally poor, full of blocky pixels and jagged edges. You navigate through the vast worlds by pointing and clicking. At times, your movement from one location to another is fully animated, as if you are strolling down a path. This effect has been employed seemingly at random, however, typically occurring in meadows and valleys.

Beyond Atlantis sometimes stutters as you converse with characters, occasionally playing the audio without its accompanying animation. Another annoying glitch is that it overrides third-party mouse software. No matter how you may have programmed your mouse buttons, you must use the left mouse button to navigate through the game.

In spite of these hiccups, Beyond Atlantis is a low-impact adventure that will certainly entertain those fascinated by the mythical city.

— Chris McVeigh

Fly! II

Fly! II is a new flight simulator aimed at both casual gamers and budding pilots. The game includes a scenery editor and vast multiplayer mode, but it's grounded by complicated controls and lackluster performance.

The game contains accurate models of 13 different aircraft. There is a new adventure mode that places you in emergency situations where you must deal with problems such as a damaged landing gear. Fly! II's scenery editor allows you to add trees, houses, buildings, and roads to any spot on the globe, perhaps recreating your home town. One of the game's most impressive features is a massive multiplayer mode that allows you to connect to ongoing online flight parties.

Although it's not required, a joystick designed for flight simulators is definitely recommended. It's almost impossible to control your plane using the arrow keys. There is a rather steep learning curve for the game, too. It's easy enough to get in the air, but learning the gauges, controls and the proper way to

maneuver each craft takes time. Equally aggravating is the game's limited paper manual. You're given just enough information to get you in the air, make a few circles and then land — there's not even a concise list of keyboard commands. An expanded manual can be found on the game disc, however.

The most limiting aspect of Fly! II may well be its system requirements. MacSoft recommends a Power Macintosh G4 with at least 256MB RAM, but even with these requirements met, the game can be downright sluggish.

Fly! II is sure to be appreciated by flight fanatics, but its steep learning curve and hefty requirements will certainly alienate most casual gamers.

— Chris McVeigh



rating **AAA**

\$20
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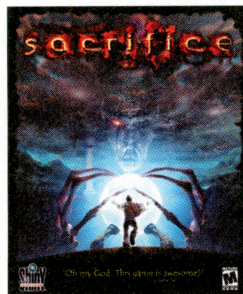
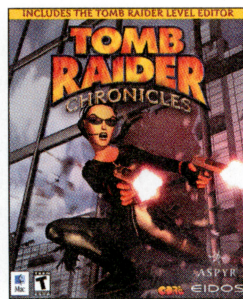
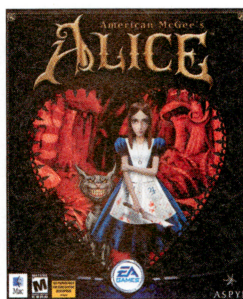
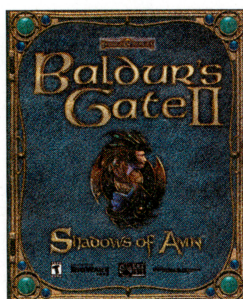


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Advanced File Sharing

Swap Files Between Mac OS 9 and Mac OS X

The easiest way to transfer transfer files between two Macs is with a simple home network. A few months ago we showed you how to set up file sharing with both Mac OS 9 or Mac OS X. This month, we explain how you can share files between a Mac running Mac OS 9 and one running Mac OS X.

Getting Started

The first task is to physically connect both computers. If you don't already have a network in place, you can purchase an Ethernet crossover cable (\$10) at your local computer store. Plug one end of the cable into the Ethernet port of one Macintosh, and then route it to the Ethernet port of the other Macintosh. Next, you must ensure that AppleTalk

is active and operating through the Ethernet port. On your Mac OS X system,

By Chris McVeigh

select System Preferences from the Apple Menu, and click on the Network icon. Choose Built-in Ethernet from the configure menu, and click on the AppleTalk tab. Check the option to Make AppleTalk Active, and then click Save. On your Mac OS 9 system, open the AppleTalk control panel, select Ethernet from the Connection popup menu, and save your changes.

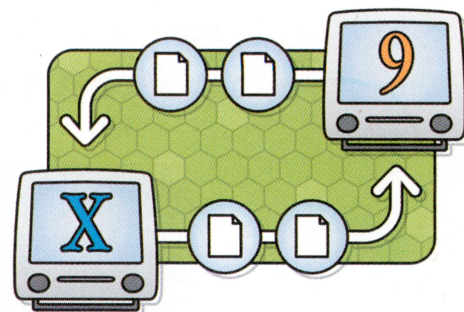
Initiate Sharing

On your Mac OS X system, select System Preferences from the Apple Menu, and click the Sharing icon. All you need to do now is click the Start button to initiate File Sharing. Mac OS X shares files somewhat differently than Mac OS 9; instead of allowing access to your entire hard drive, Mac OS X limits network users to the contents of the Public folder. This means that you'll have to place items you want to share in this folder, which you can locate anytime by selecting Home from the Go menu or clicking the Home icon in a Finder window.

On your Mac OS 9 system, open the File Sharing control panel, and enter your network identity preferences, including a memorable password. Next, click the option to allow clients to connect via TCP/IP. Now click the Start

button to get things underway. Once the button changes to Stop, close the File Sharing control panel and

return to the Finder. To share your hard drive, click once on the hard drive icon, and select Get Info: Sharing from the File menu. Check the option to Share this item and its contents, and close the window. (NOTE: To access a Mac OS 9 server from a Mac OS X system, the Mac OS 9 server must use TCP/IP over Ethernet. Although this is a typical configuration for users with DSL or Cable modems, it is not possible for users with dial-up connections to the Internet. You can still access Mac OS X servers from Mac OS 9 systems, however.)

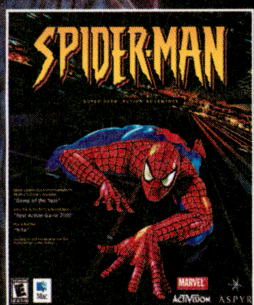


Logging In

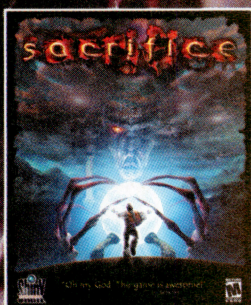
To access the Mac OS X server from your Mac OS 9 system, select Chooser from the Apple Menu and click the AppleTalk icon. The computer name will appear to the right. Double-click the computer name to access to login window. Click Guest, press Connect, and you're ready to swap documents.

To access the Mac OS 9 server from your Mac OS X system, select Connect to Server from the Finder's Go menu. Now, click on Local Network at the left. The Mac OS 9 server should appear at the right. Double-click the computer name, and then enter its owner name and password. You'll now have full access to the Mac OS 9 server. **MH**

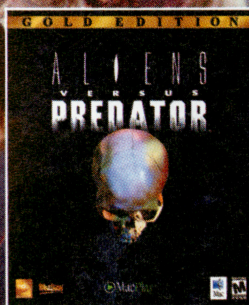
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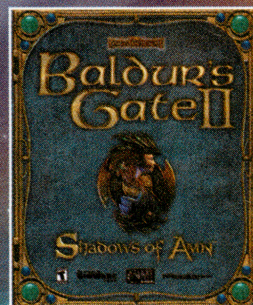
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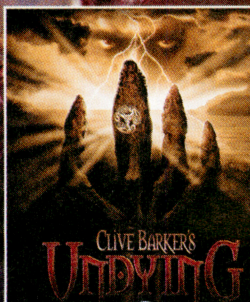
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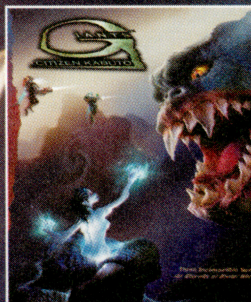
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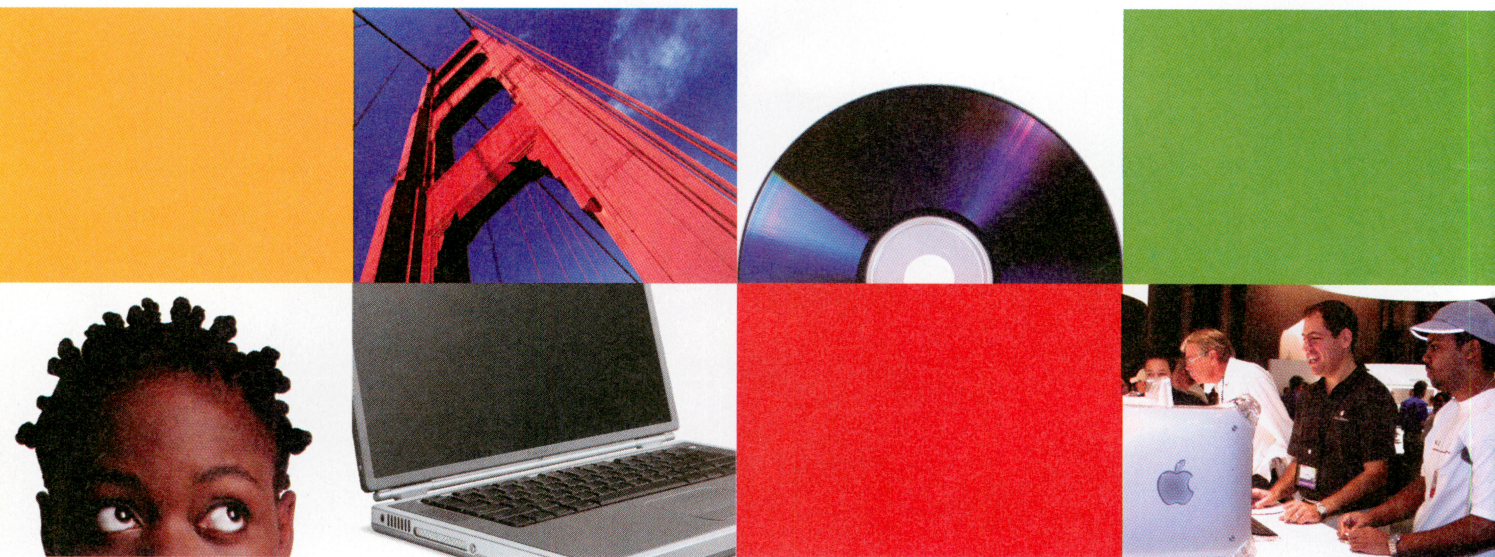


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DVD Snapshots

Q I use a Power Macintosh G4 with dual processors. Sometimes when I am watching a DVD, I see a shot I would like to capture as a picture. And yet when I click Command-Shift-3, it makes a clicking sound but fails to take a shot of the screen image. Is there another way to capture an image from a DVD?

— *Stella Magic*

A Unfortunately, you will never be able to take a screenshot of a movie with Apple's DVD Player. The software includes a copy-protection scheme that prevents users from tak-

By Chris McVeigh

ing screen movies (or even screenshots) of films. As you've probably noticed, the screenshots you have collected have a solid dark green color to them, and I'm afraid that is as good as it will ever get.

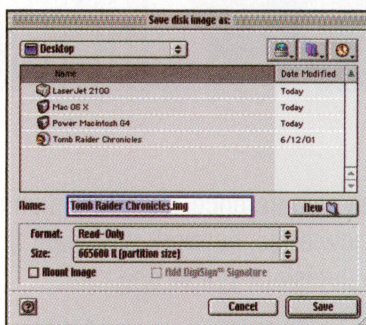
CD Cloning

Q I like to play games on my PowerBook G4 when I travel. I really wish I didn't have to bring along the CDs, however. Is there a way I can play games without always being asked to insert a disc? Thanks in advance.

— *Arlene Trotter*

A I have some good news for you, Arlene. You can leave many of your game discs at home, so long as you have plenty of available space on your hard drive. Insert one of your games into your PowerBook G4. Now, select Sherlock 2 from the Apple

menu, and search for an application called Disk Copy. Once Sherlock locates the application, double-click the small icon to open it. Now select Create Image from Disk... from Disk Copy's Image menu. You'll need to choose the CD from the list of possible source disks. A new window appears, providing you with several save options. Choose Read-Only from the Format popup menu, uncheck Mount Disk, and then click Save.



Once the CD is finished copying to your hard drive, you can eject it. Inspect your desktop, and you'll see a new file with an icon of a blue disk on a document. The file will have the same name as the CD, but with ".img" at the end. This is a disk image, and it stores the contents of the CD you just copied. Here's the tricky part for most folks. In order to activate the disk image you must double-click the file (think of it as inserting the CD). This creates a new icon on your desktop that, for all intents and purposes, mimics the CD you just copied. You can now play your game without actually having to insert the real CD. Keep in mind, however,

that you must double-click the disk image to activate it; otherwise, the computer will not recognize that the CD is present. It's also wise to store your disk images in a place where they cannot be accidentally deleted. (Note: although this solution works for many games, a few titles have copy-protection schemes that require the actual CD be present in the drive.)

Long Launcher

Q My daughter started our iMac this afternoon, but once booted, the Launcher window became seriously distorted. It went from a nice, neat, manageable square to a horribly elongated rectangle. I was able to drag the window upwards until I got to the bottom, but when I reached that point I discovered the resizing square (usually in the lower right) was no longer there! How can I fix this problem?

— *Keith Wahlig*

A This is a common problem with the Launcher. Thankfully, there's a simply fix. Quit the Launcher (if it is open). Now open your System Folder, and then open the Preferences folder. Select List from the View menu to list all your preferences alphabetically, and then locate your Launcher Preferences. Move this file to the Trash. Now, open the Launcher. It will have returned to its normal size.

Renaming Games

Q I recently upgraded to Mac OS 9.1, but since then, I cannot change the name of my Zip disks. I

can still change the names of folders on the desktop, but when I try to change the name of a Zip disk, it won't allow me to edit the text. I know this isn't a major problem, but it's still rather irritating.

— Tom Eisenman

A Although it's difficult to dissect your problem without toying with your computer myself, I suspect the cause is related to File Sharing. Open your File Sharing control panel, and click the Start/Stop tab at the top of the window. At the top, you'll see a section called Network Identity, and below that, a section detailing your File Sharing status. Your letter led me to believe that File Sharing is currently turned on. If that is

the case, simply click once on the Stop button. Now return to the Finder, insert one of your Zip disks, and attempt to

rename it. I think you'll find that it now works. File Sharing has a nasty tendency to grab hold of removable media and prevent it from being renamed.

Missing Location

Q After installing Internet Explorer 5 on my iMac, Command-L no longer opens the location box. I can select Open Location from the File menu, but it still doesn't work. Internet Explorer 4.5 works correctly, however. Any help would be appreciated!

— Bill Pollard

A Internet Explorer 5 changes the way the Open Location command works. As you recall, it once called up an additional window where you could input the URL. Since there is an ever-present address bar, however, this is redundant. Command-L still works with Internet Explorer 5, but in a slightly different manner: it automatically places the cursor in the address bar and selects the current address. Press a single key, and the current address disappears, allowing you to enter a fresh one. Command-L will also make the address bar appear

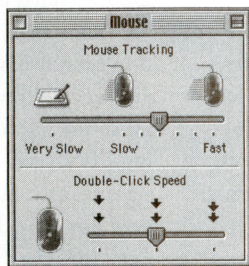
when the toolbar is collapsed, and it will make a new browser window appear if no windows are currently open.

Mousecapades

Q Some time ago, my computer crashed. Since then, it seems that I have to move my hand quite far to move the cursor. I can't figure out what went wrong — only that I must have lost something in the crash. Can you help me? I use Mac OS 9.1 and Mac OS X.

— Norma Landon

A It sounds as though someone altered the tracking speed of your mouse for you before your crash. It's easy to fix, though. Under Mac OS 9, select Control Panels: Mouse from the Apple Menu. The first item you see will be Mouse Tracking. Move the slider until you find a setting that is right for you. Since you want to move further with less effort, that means you'll need to move the slide to the right. Under Mac OS X, select



System Preferences from the Apple Menu, locate Mouse, and click on it. Once again, adjust the slider until the mouse speed meets your needs.

Broken Icon

Q I'm running Mac OS 8.1 on a Power Macintosh 6100 at work. Norton Utilities reports that "The following files have damaged resource forks and may not be functioning properly — Macintosh HD: Icon." How do I fix a hard drive icon problem?

— Edie Woronicz

A It appears there is a problem with a custom icon you've given your Power Macintosh hard drive. Select Get Info from the File menu, click once on the icon in the top right, and press delete. This should get rid of the icon (and the problem) for you. You can give the hard drive a new icon whenever you like. **MM**

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DVD Decoded

A Close Look at a Digital Versatile Disc

The DVD (digital versatile disc) is arguably one of the most flexible storage technologies now available. It offers a huge leap in capacity over CD-ROM, and both video and data can be stored on a single DVD.

Flat Lands and Deep Pits

A DVD is a complex sandwich of materials. At the bottom is a thick layer of clear plastic, which solidifies the disc and protects the recorded information from scratches. On top of the plastic lies a very thin layer of reflective metal (usually a silver-colored alloy). In dual-layer discs, there are two layers of reflective metal with the bottom-most later semi-transparent. Topping it all is a clear lacquer coating that protects the upper surface from damage and provides a platform for the label. Double-sided DVDs have plastic at the base, dual metallic layers, an opaque lacquer or plastic in the middle, two additional metallic layers and finally, another layer of plastic at the top. These discs can be physically flipped over to access additional motion picture or data content.

The disc's metal layers house the digital information through a series of dents known as pits and flat areas known as lands. A standard DVD drive uses its fine laser to read data from the metal layer. Laser light strikes each land and is reflected back to the reader's sensors where a value of 1 is registered. In contrast, laser light that strikes a pit is refracted away from the reader's sensors. When these sensors do not detect reflected light, a value of 0 is registered. This is a blisteringly fast process — millions of bits can be read each minute. To read the second layer in dual-layer discs, the focal length of the laser is adjusted.

How then does a DVD hold so much more information than a CD the exact same size? The pits and lands of a DVD are much finer and more tightly packed than a conventional CD. A DVD has a base capacity of 4.7 GB, and that capacity can be increased to 8.5 GB by using dual data layers. A double-sided disc can hold a whopping 17 GB of information — over 25 times the amount of a CD.

Double-sided discs are rarely used, however, because the disc cannot have a label affixed to either surface. Since the cost of producing DVDs has dropped significantly, publishers now opt to include two discs (or more) whenever necessary.

The Sound and the Fury

Digital video information is stored on the disc using the MPEG-2 compression protocol, and to view DVD movies, you need a device with an MPEG-2 decoder. Standard DVD players use a hardware decompressor to display video on your television, while Apple's DVD Player application employs a software decoder that relies heavily on your computer's processor. DVD delivers full color video up to 30 frames per second at a resolution of 720x480, and up to 25 frames per second at 720x576. The technology also provides CD-quality digital surround sound for an optimal aural experience.

The most impressive aspect of DVD is its versatility, however. DVD movies often include a torrent of options, such as multiple language soundtracks, subtitles, and bonus documentaries. DVDs can also be formatted for data storage, allowing software publishers to store up to 4.7 GB of software on a single disc. Many DVD movies actually include both video and data tracks, allowing viewers to access additional content (such as scripts and photo galleries) with their computers. **MH**



By Chris McVeigh

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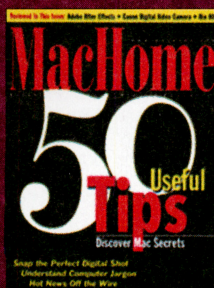
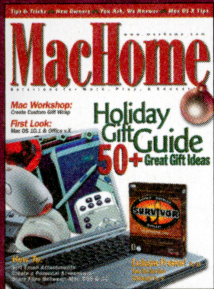
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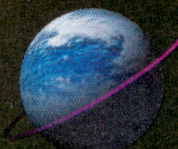
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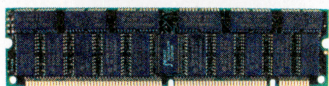
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***** 128MB 5v FPM DIMM ONLY \$34.95 *****

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* 64MB 72pin SIMM for PowerMac 61xx/71xx/81xx/91xx PowerMac and Performa PowerPC models only.

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EASY - Just plug and play!

FAST - Up to 100MB per second

AFFORDABLE - 40GB starts at \$100!

- Includes IDE / ATA Cable
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100GB ATA/100 IDE

Western Digital Caviar 7200RPM
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for all PowerMac G3 Models, PowerMac G4
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LIFETIME
WARRANTY



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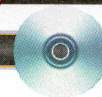


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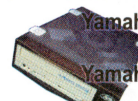
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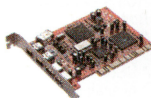
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- *1600 x 1200 Pixels
- *2.1 Megapixel CCD
- *3x Optical zoom
- *2.5x Digital zoom
- *Smart Media storage

C-3040



- *2048x1536 Pixels
- *3.34 Megapixels CCD
- *3x Optical zoom
- *2.5 Digital zoom
- *16Mb Smart Media card
- *Optical view finder

C-700



- *1600x1200 Pixels
- *2.1 Megapixel CCD
- *10x Optical zoom
- *2.7x Digital zoom
- *LCD TTL viewfinder
- *Voice recording

C-4040



- *2272x1704 Pixels
- *4.1 Megapixel CCD
- *3x Optical zoom
- *2.5x Digital zoom
- *16Mb Smart Media storage
- *Full range manual aperture & shutter priority

C-2500



- *2/3 Inch CCD, True Pic.
- *2.5 Million Pixel CCD
- *1712X1368 Resolution
- *5 Mode Flash
- *3X Zoom
- Built-In Flash

D-40Z



- *2272 x 1704 Pixels
- *4.1 Megapixels
- *35mm-98mm (2.8x optical zoom)
- *F2.8-2.5x digital zoom
- *16Mb Smart Media
- *Smallest 4 megapixel camera

D-510



- *LCD Monitor
- *3X Optical Zoom
- *USB (Mac/PC)
- *2.11 Mega Pixels
- *1600X1200 Resolutions
- *Easy To Use

E-100RS



- *1368x1024 Pixels
- *1.5 Million Pixel CCD
- 10x Optical zoom
- *2.7x Digital zoom
- *Shutter Speed 1/1000sec
- *32Mb Smart Media Card
- *High speed frame rate

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FINE PIX 4800



- *2400x1800 Pixels
- *4.3 Megapixels
- *3x Optical zoom
- *3.75x Digital zoom
- *PC-Camera for internet video conferencing

FINE PIX 6800



- *3.3 Million Mega Pixel
- *5 Frames Per Second
- *USB Hot Sync
- *Video Conferencing

FINE PIX 6900



- *3.3-6.0 Million Pixels
- *35MM-210MM 6X Zoom
- *5 Frame Burst Mode
- *Manual Focus Ring
- *Playback LCD

FINE PIX S1 Pro



- *6.1 Megapixel Digital SLR
- *Exclusive Super CCD Technology
- *5 Exposure Modes
- *Histogram Display
- *2" LCD Color Screen

Fine Pix 40i



- *Ultra Compact Metal Body
- *2.4-4.3 Mega Pixel
- *Plays MP3 Audio
- *USB Port
- *Available in Metallic Silver or Blue

Kodak

DC-4800



- *2160x1440 Pixels
- *3.1 Megapixel CCD
- *3X Optical zoom
- *2X Digital zoom
- *16Mb Compact flash
- *Built in flash
- *Optical view finder

DX-3215



- *1280 x 960 Pixels
- *1.3 Megapixel CCD
- *3X Digital zoom
- *2X Optical zoom
- *8 Mb internal memory

DC-5000



- *1760 x 1168 Pixels
- *2.3 Megapixel CCD
- *2X Optical zoom
- *3X Digital zoom
- *16Mb Compact flash
- *Optical view finder

DX-3500



- *1800 x 1200 Pixels
- *2.3 Megapixel CCD
- *38mm
- *3X Digital zoom
- *8Mb Internal Memory
- *Optical view finder

DX-3600



- *2.2 Megapixel
- *8MB Internal Memory
- *Optical Viewfinder
- *2X Zoom
- *Fixed Focusing
- *Auto Exposure

SONY

Cybershot F707



- **4.92 Megapixels
- *5.24 Megapixel sensor
- *38 mm - 190 mm
- *5x Digital zoom lens

DSC-S85



- *2272 x 1704
- *4.1 Megapixel
- *34mm-102mm (3x Optical Zoom)
- *2x Digital Zoom
- *16 Mb Memory Stick

MVC-CD300



- *2048x1536 Resolution
- *2.5" TFT LCD
- *3X Optical Zoom Lens
- *2X Digital Zoom
- *Voice Mode

DSC-S75



- *3x Optical Zoom
- *3.34 Million Pixel CCD
- *8MB Memory Stick
- *HQ Movie Mode
- *2" Color Lcd
- *Spot Metering
- *Variable ISO

DSC-P3



- *1920 x 1440
- *2.76 Megapixel
- *3.34 Megapixels CCD
- 36 MM fixed lens
- *Continuous/Burst
- *8MB Memory Stick

DSC-P5



- *2048 x 1536 Resolution
- *3.34 Megapixel CCD
- *3x Optical Zoom
- *6X Digital Zoom
- *39mm-117mm F2.8
- *8MB memory stick media

MVC-FD97



- *10X Optical Zoom Lens
- *2.1 Megapixel Resolution
- *39-390MM Zoom
- *Stores Pictures on Disc

MVC-FD-92



- *Memory Stick Media Slot
- *Dual Media Function
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- *8X Optical Zoom
- *MPEG Movie Mode

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- *Perfect Entry Level
- *Mavica
- *1.3 Megapixel
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MVC-FD75



- *10X Optical Zoom w/Macro Capability
- *2.5" TFT LCD Screen
- *4 Mode Program
- *Auto Exposure
- *4 Picture Effects
- *640x480 VGA

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D1X/H



- *D1X: 3008 x 1960
- *5.89 Million effective pixels
- *5.33 Megapixel
- *Continuous/ burst 3fps up to 9 images

D1H: *2000 x 1512

- *2.62 Million effective pixels
- *2.7 Megapixel
- *Continuous/burst 5fps up to 40 images

Coolpix 995



- *3.34 Million Pixel
- *38 MM-152MM
- *(4X) Zoom Lens

Coolpix 885



- *2048x1536 pixels
- *3.14 Megapixel
- *3X Optical Zoom
- 4x Digital zoom
- *16Mb Compact flash

MINOLTA

Dimage 7



- *5.24 megapixel 2/3-type CCD
- *Wide-angle 7x optical zoom
- *4x Electronic magnification (Macro)

- *Precise autofocus and auto exposure
- *Built-in flash with ADI metering
- *Compact flash card

Canon

Powershot G2



- *3.9 million effective pixels
- *4.1 Megapixel
- *34 mm - 102 mm
- *3x zoom lens
- *Built-in flash
- *Built-in high speed USB interface

Pro 90 IS



- *3.3 Million Pixel
- *37 MM-370MM
- *10X Zoom Lens

EOS D30



- *3.11 Million Pixel Resolution SLR
- *3 Frames Per Second
- *Histogram Displayed w/Each Shot
- *13 Custom Function
- *Easy Controls
- *High Quality Still Images

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- *2.11 Million Pixels
- *3x Optical Zoom
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***Zeiss lens (10x Optical, 120x Digital),**
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 *Analog Recording Capability *USB Connection
TRV30: 1.5 Mega Pixel Imager,
 *1360x1020 Digital Still Images,
 *Intelligent Pop Up Flash



DCR-TRV730/830

***1/4" CCD 1,070k Pixels,**
***18x Optical 500 DigitalZoom,**
Super steadyshot stabilization,
12 bit/16 bit PCM Digital stereo
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700x Digital, 12 Bit/16 Bit PCM Digital Stereo
TRV230: 2.5" LCD, 61k Pixels
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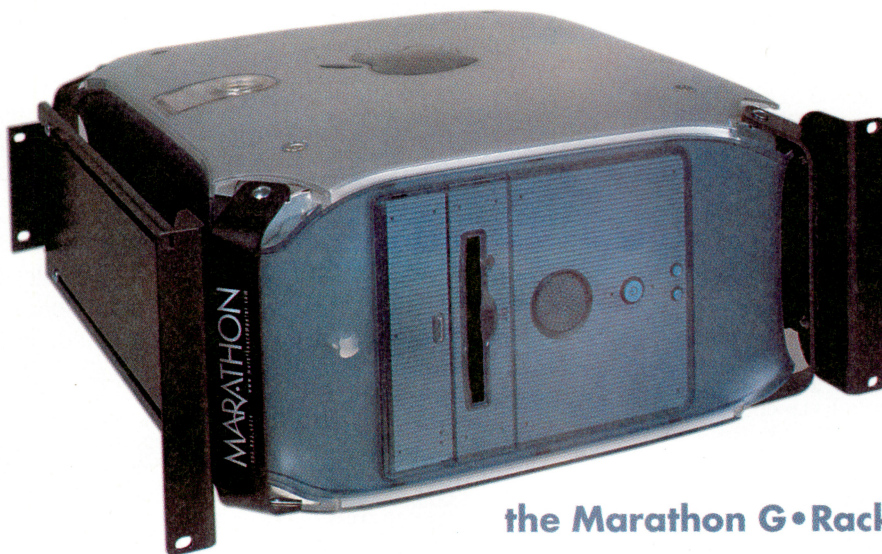
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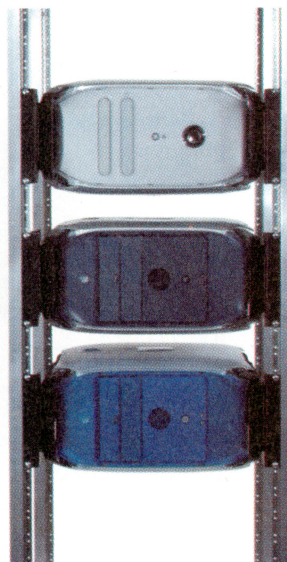


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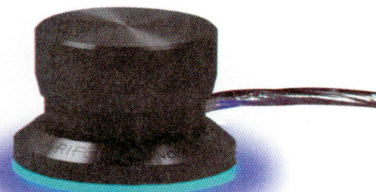
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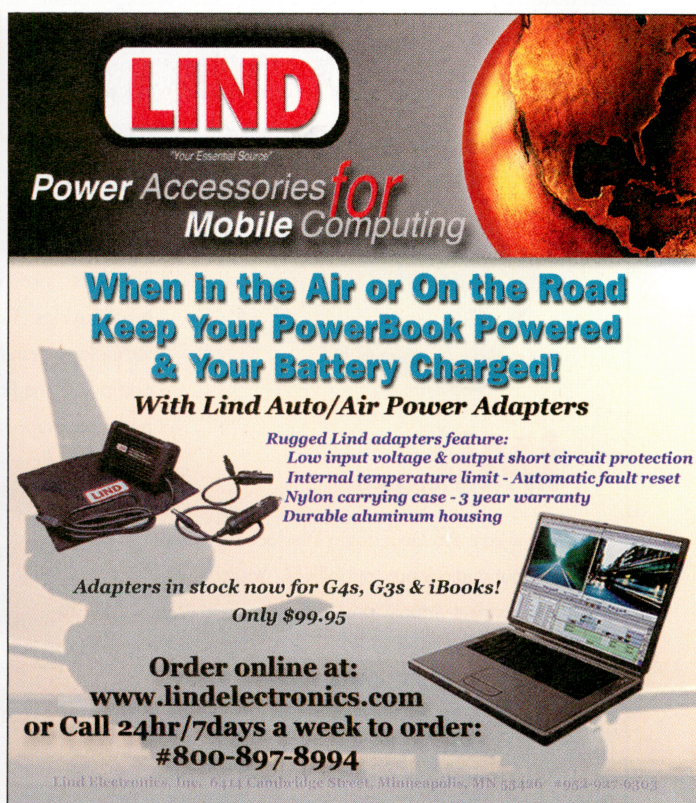
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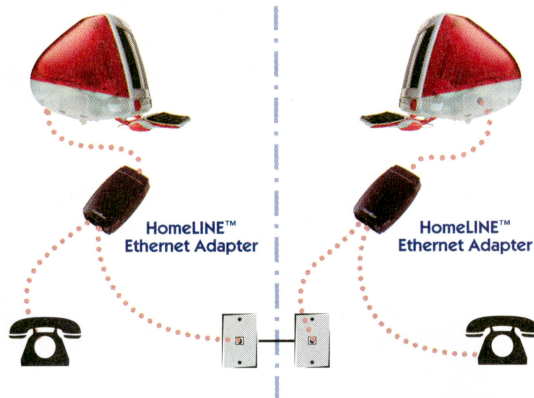
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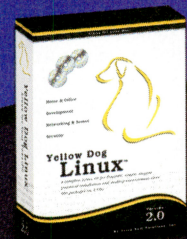
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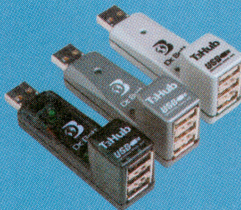


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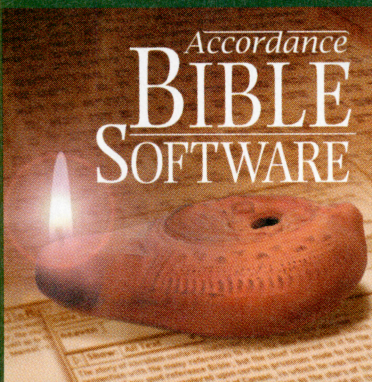
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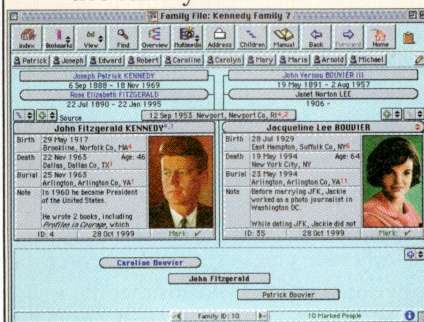
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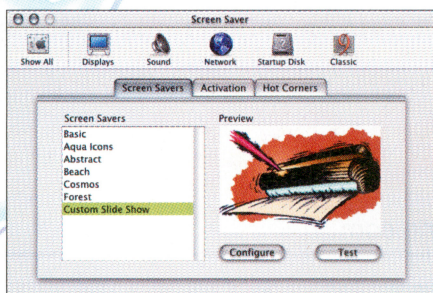
Personalized Screensavers, Quick Screenshots, and Custom Toolbars

Create Your Own Screensaver

Although Mac OS X provides a selection of gorgeous scenery for its built-in screensavers, you'll probably get bored with the beach, forest, and cosmos images rather quickly. It's good news, then, that Apple allows you to create a custom screensaver with your very own pictures. Go to the Finder, and select Home from the Go menu. Open the Pictures folder, and then select New Folder from the File menu.

Call this folder something descriptive (Screensaver Images, for example) and drag your favorite photos

into that folder. Now select System Preferences from the Apple menu, and click on the Screensaver module. Click on the Screensavers tab at the top, and then click Slide Show in the column to the left. Now, click the Configure button below



the preview window. This allows you to select the image folder of your choice. By default, it's set to the Picture folder. Simply select your Screensaver Images folder instead, and click Open. The next time you activate your screensaver, it will select images at random from your Screensaver Images folder, and then slowly fade one image into another. It's a great way to add your personal touch to Mac OS X!

By Chris McVeigh

Grabbing a Screenshot

Need to take a snapshot of your screen with Mac OS X? Apple has included a handy utility to do just that. Go to the Finder, and select Applications from the Go menu. Locate the Utilities folder, open it, and launch the application called Grab. You have three options — you can either take a screenshot of a selection, the entire screen, or a time-delayed shot of the entire screen. A time-delayed shot is usually the best option, since it gives you time to prepare the screen for the shot. Select Timed

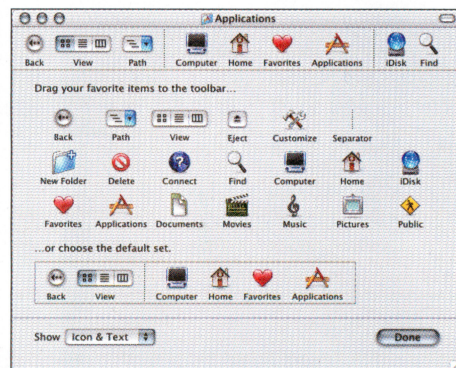
Screen from the Capture menu, and then click Start Timer. You now have ten seconds to organize your screen. After the screenshot is taken, you'll need to return to Grab to save the image. Those of you looking for an application that can take shots of windows, menus, and even short movies should consider Ambrosia Software's Snapz Pro X. The shareware application is available for \$29 (\$49 with movie-making capacity) from www.ambrosiasw.com.

Your Toolbar Options

One of the great things about Mac OS X is that you can customize the Finder's toolbar to your liking. Select Customize Toolbar from the Finder's View menu to get started. Your default toolbar includes the Back, View, Computer, Home, Favorites, and Applications icons. A few of these items are somewhat redundant; Applications can be easily found in the Home directory, and Favorites simply has links to your Documents and Home folders. Consider dragging these items off the toolbar and replacing them with more useful buttons. New Folder is an

excellent choice, since it helps you avoid needless trips to the File menu. Eject is a smart option for those of you with older keyboards that do not have the eject key. iDisk

is a great choice for anyone who wants to quickly access their iDisk, and Find will always keep the search utility handy. Public is also a smart choice for users who regularly share document across a network. Remember that the toolbar is interactive, so you can drag and drop files onto any folders you place there. Play around with the toolbar until you find the configuration that works best for you. And if you don't like your changes, simply reselect the default set! **MH**



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Every day, more and more Macintosh professionals are choosing TechTool over other system utilities. In fact, even Apple Computer includes TechTool Deluxe with every copy of their AppleCare™ Protection Plan. Simply put, TechTool Pro 3 is the most complete and powerful troubleshooting utility available for your computer. Why would you settle for anything less?

In with the newer...



For Apple's next-generation operating system, you'll need a next-generation disk utility. That's why Micromat has introduced Drive 10, the first and final disk utility for Mac OS X. Problems with your drive? Drive 10 can repair almost any drive problem with one simple click of your mouse. All within OS X's native environment.

While Drive 10 is a new product, it is derived from TechTool Pro, Micromat's world-class diagnostic and repair utility. Using TechTool's time-tested routines as well as some new routines developed exclusively for OS X, Drive 10 offers many tools for checking and repairing any drive on your system. Don't entrust your OS X drive to ancient utilities. Protect your data and drive safely with Drive 10.



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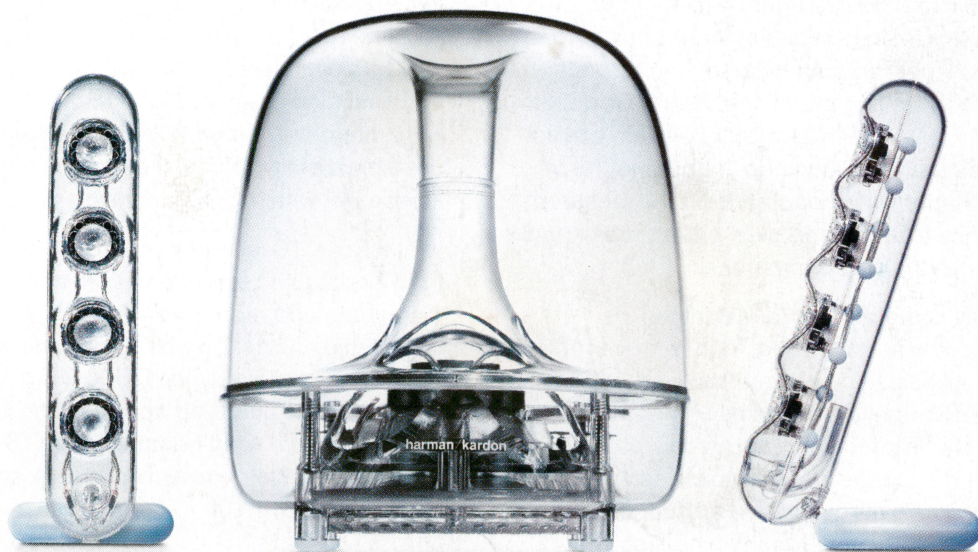
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